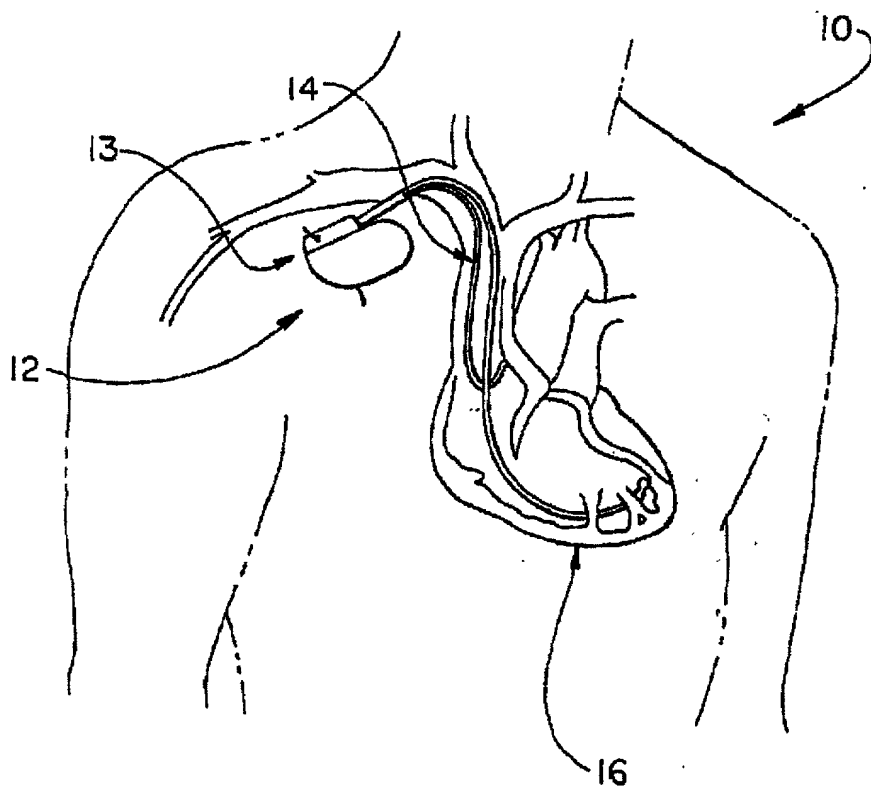


Fig. 1



2007/05/08 02:19:02

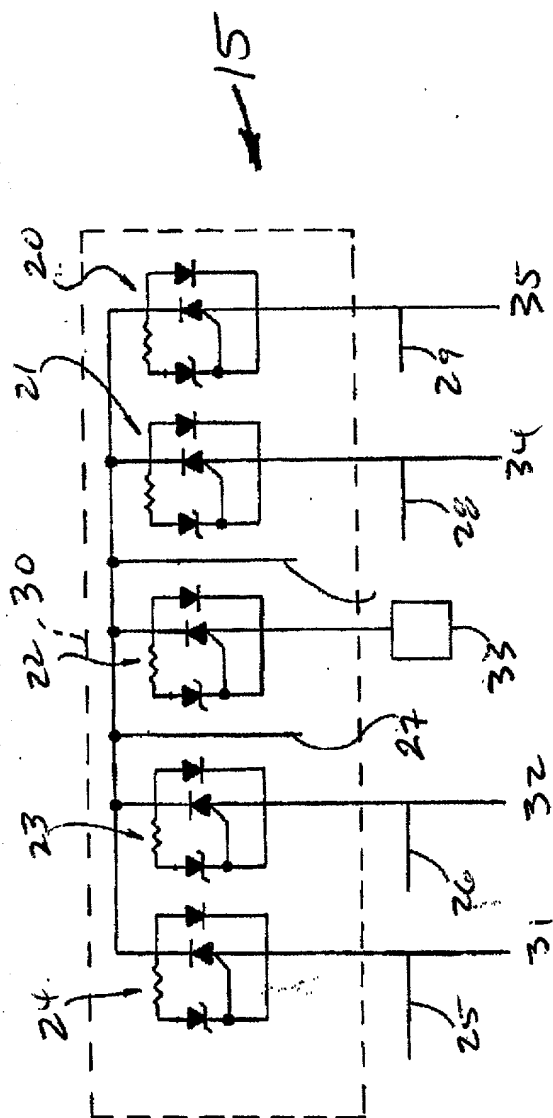


Fig. 2

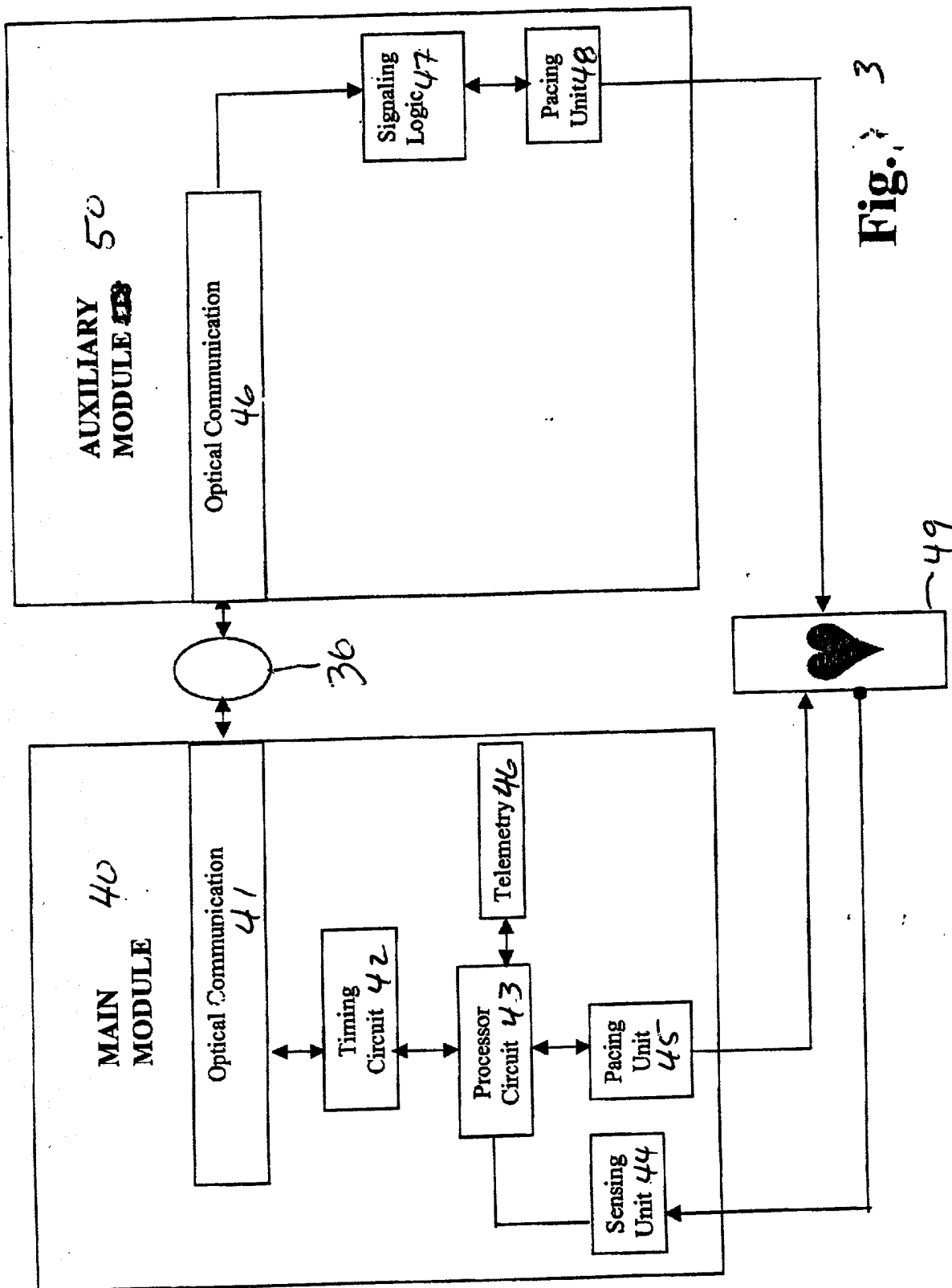


Fig. 3

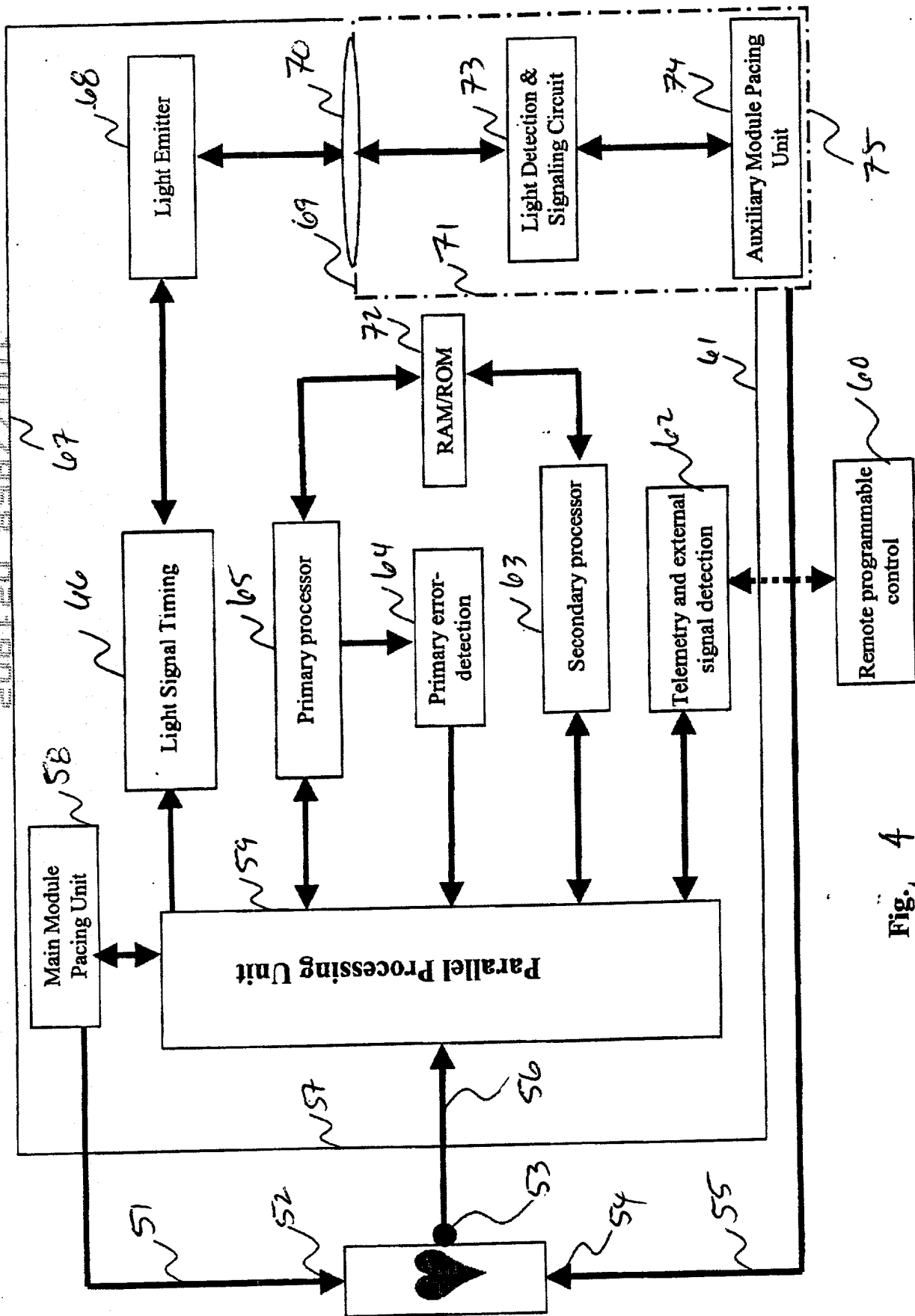


Fig. 4

570

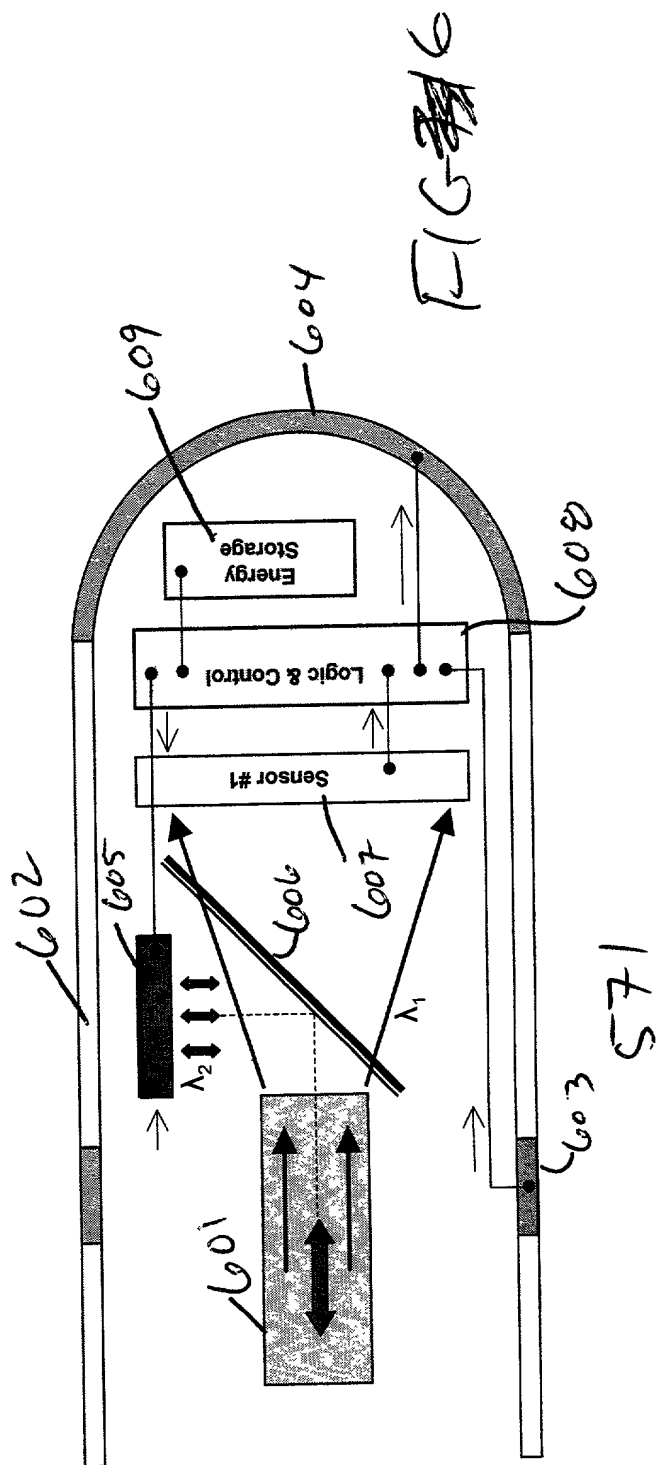
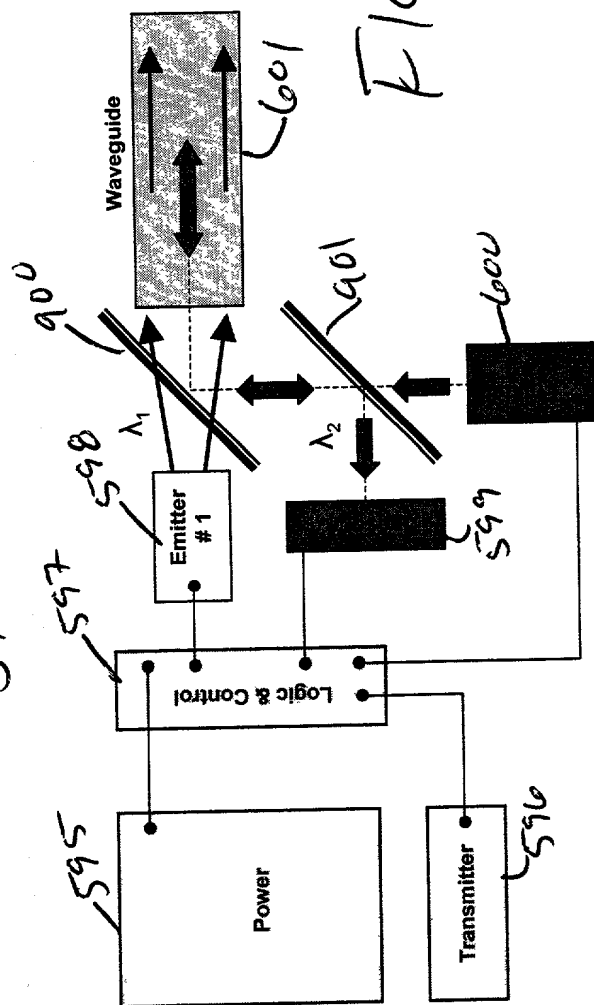


FIG 7

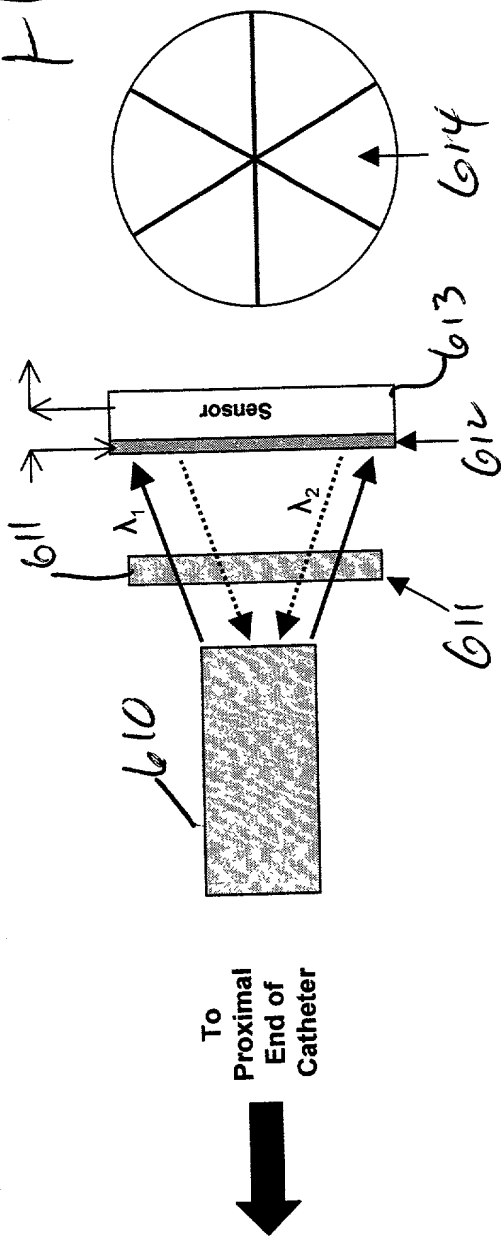
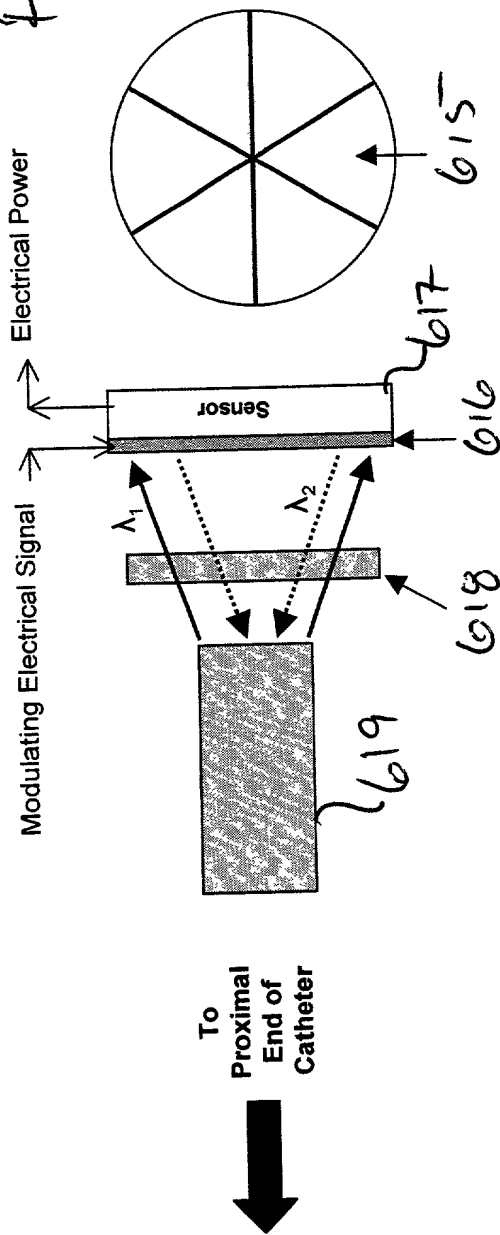
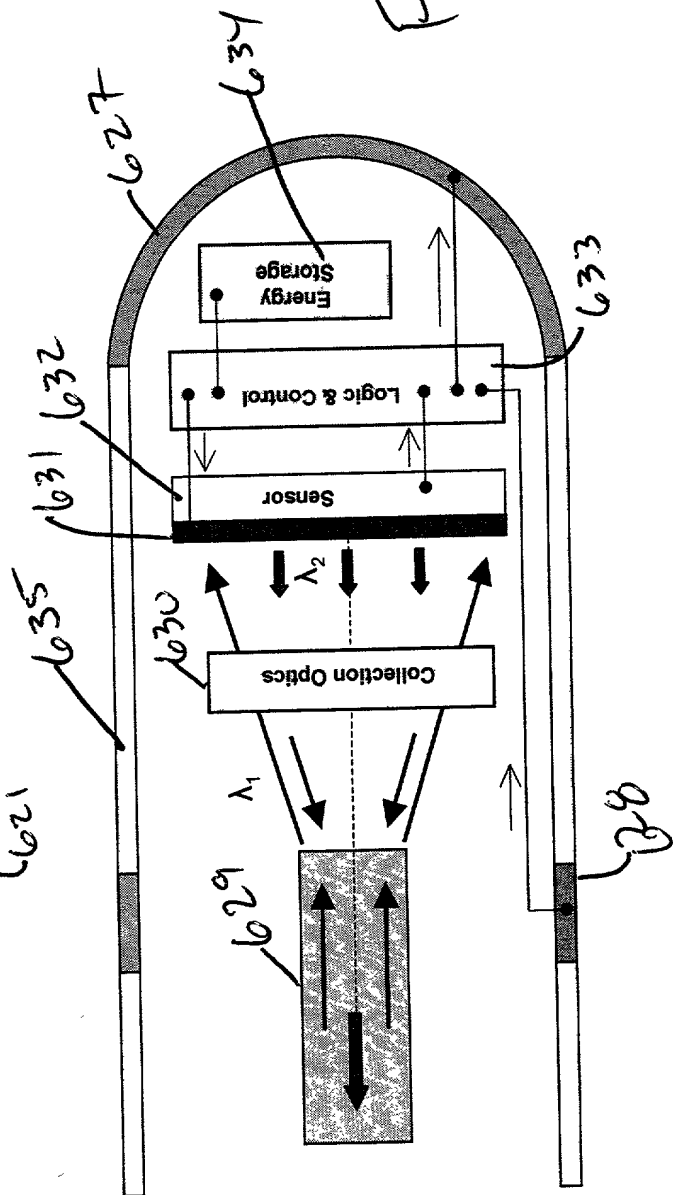
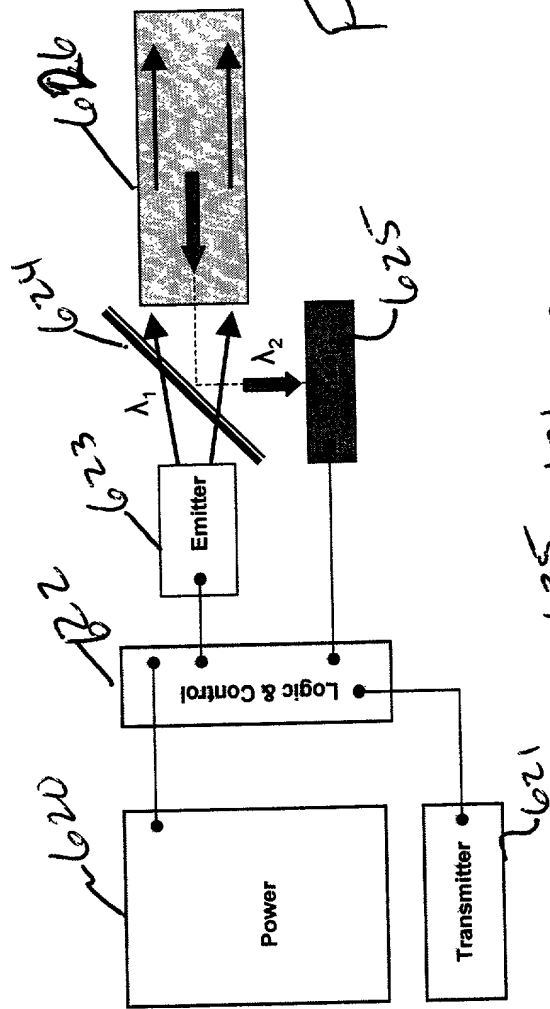
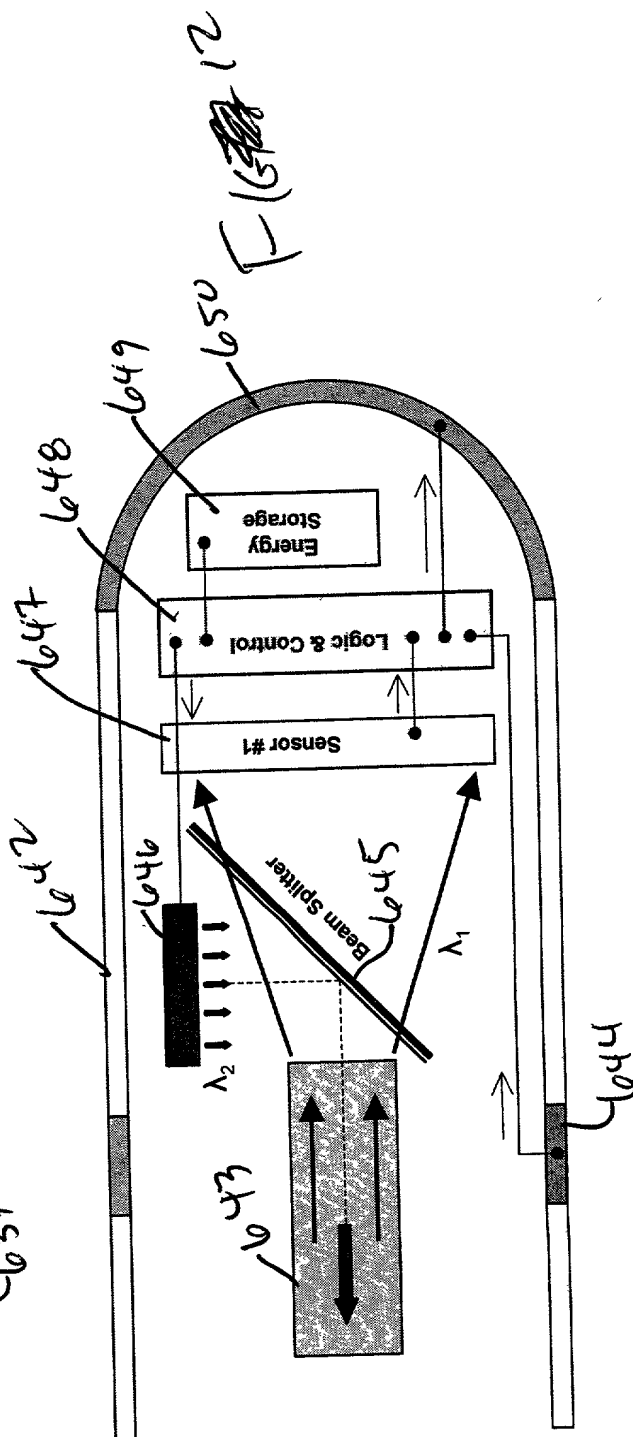
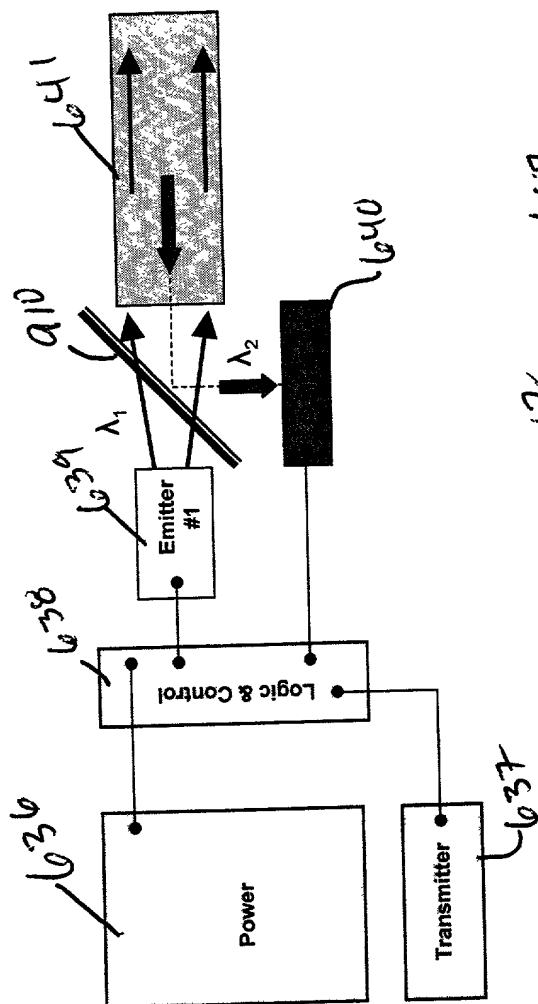


FIG 8







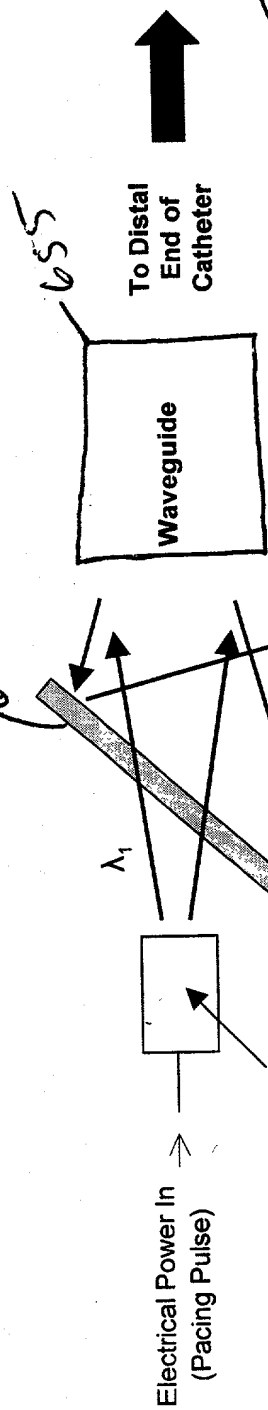
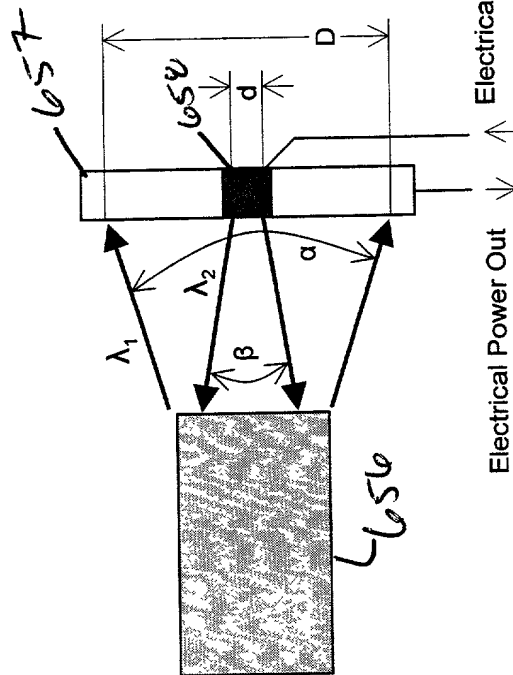


FIG 13

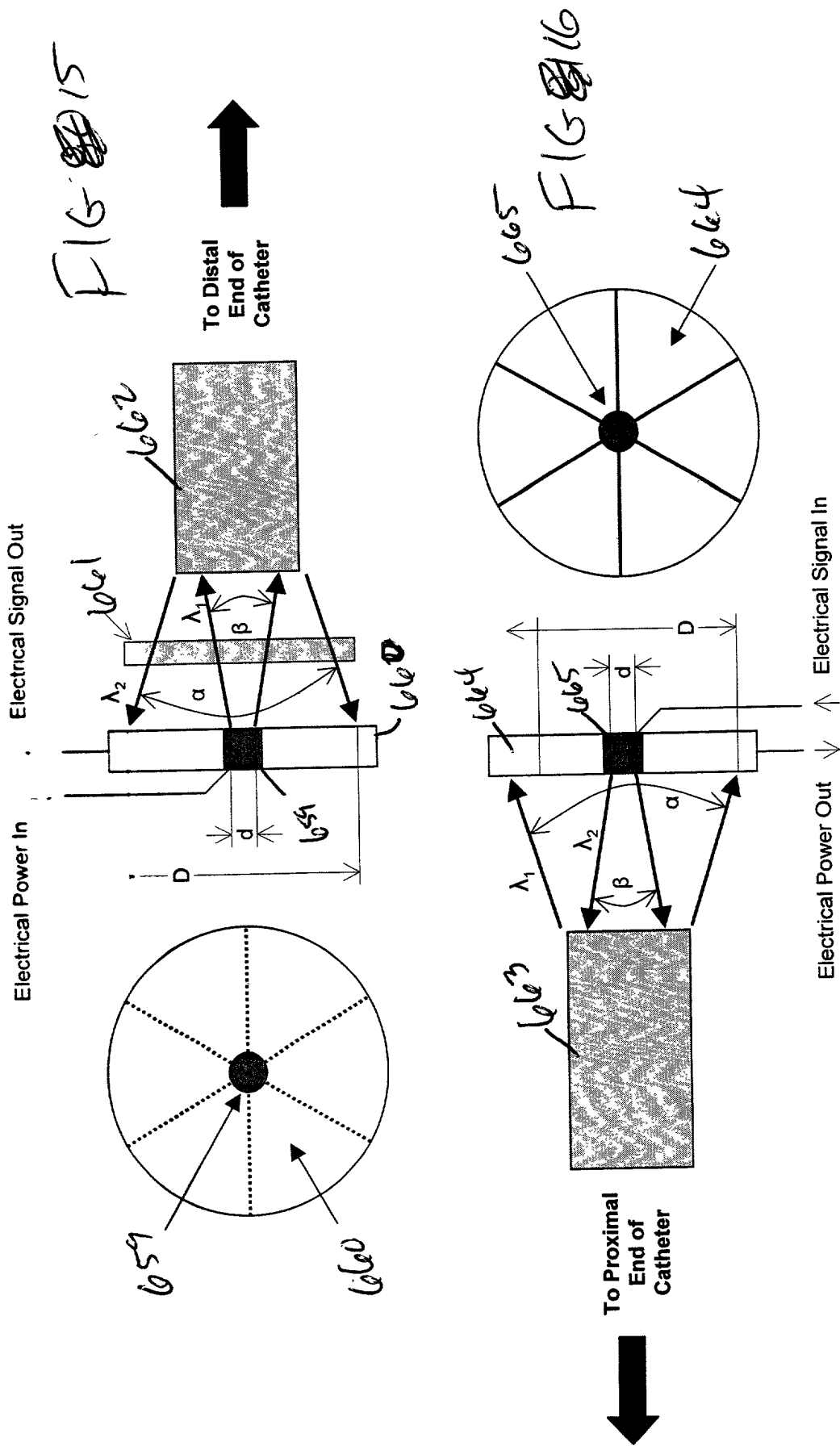
Electrical Signal Out

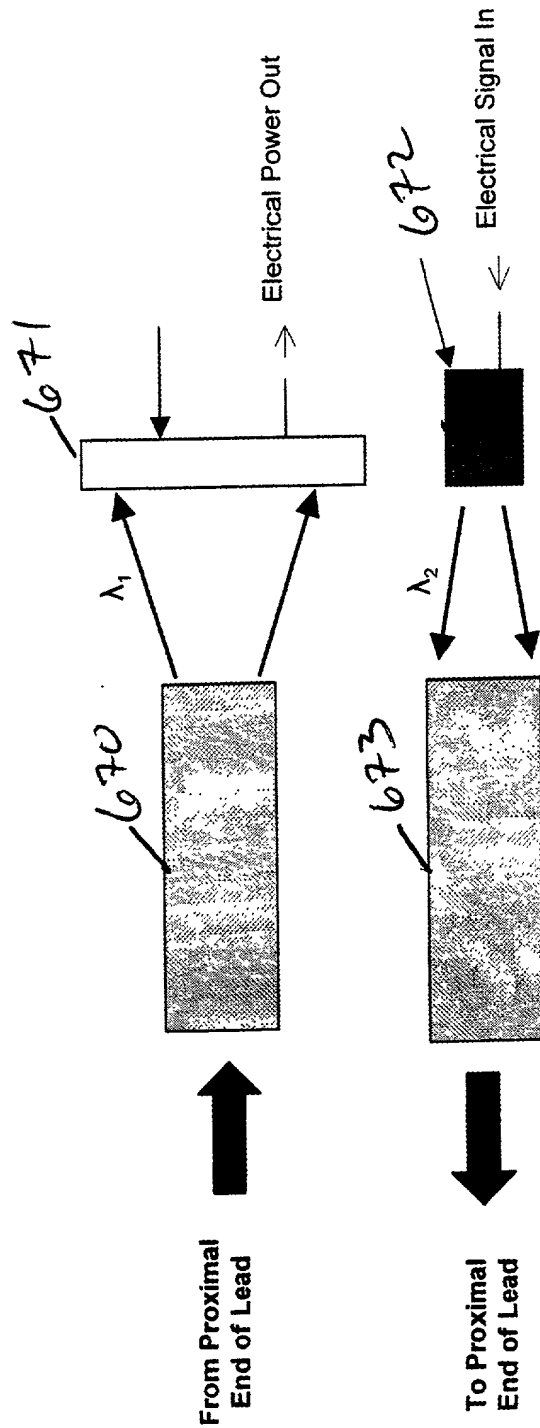
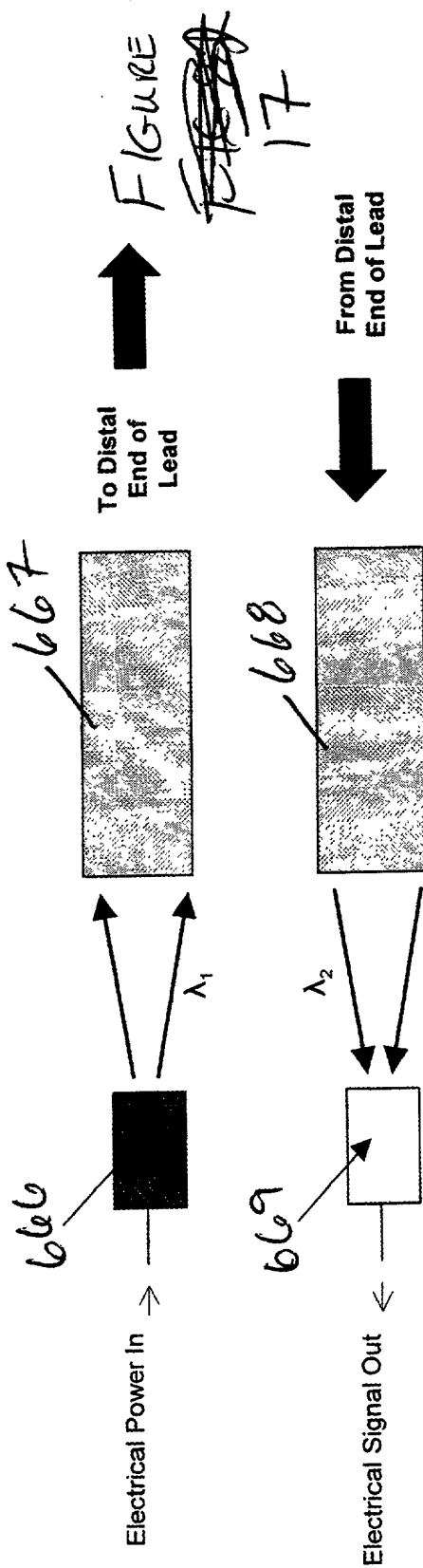


To Proximal End of Catheter

Electrical Signal In

Electrical Power Out





Fiber-optic coupling

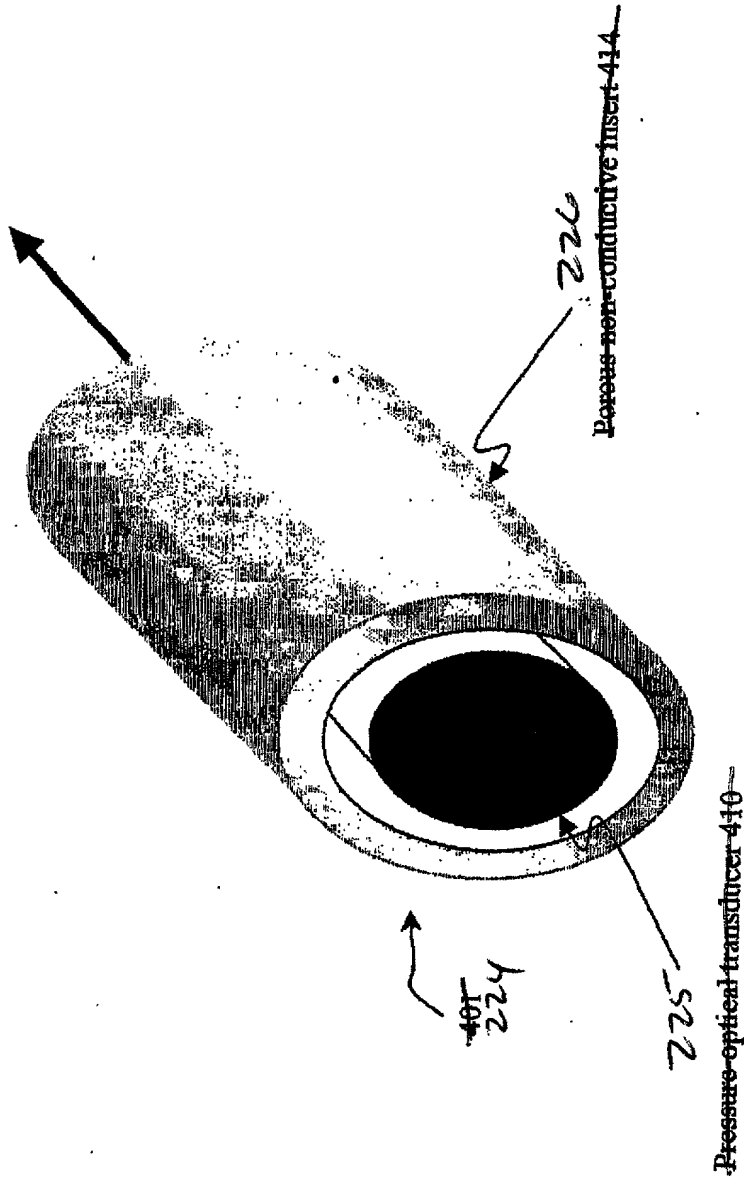


Fig. 1 & 21

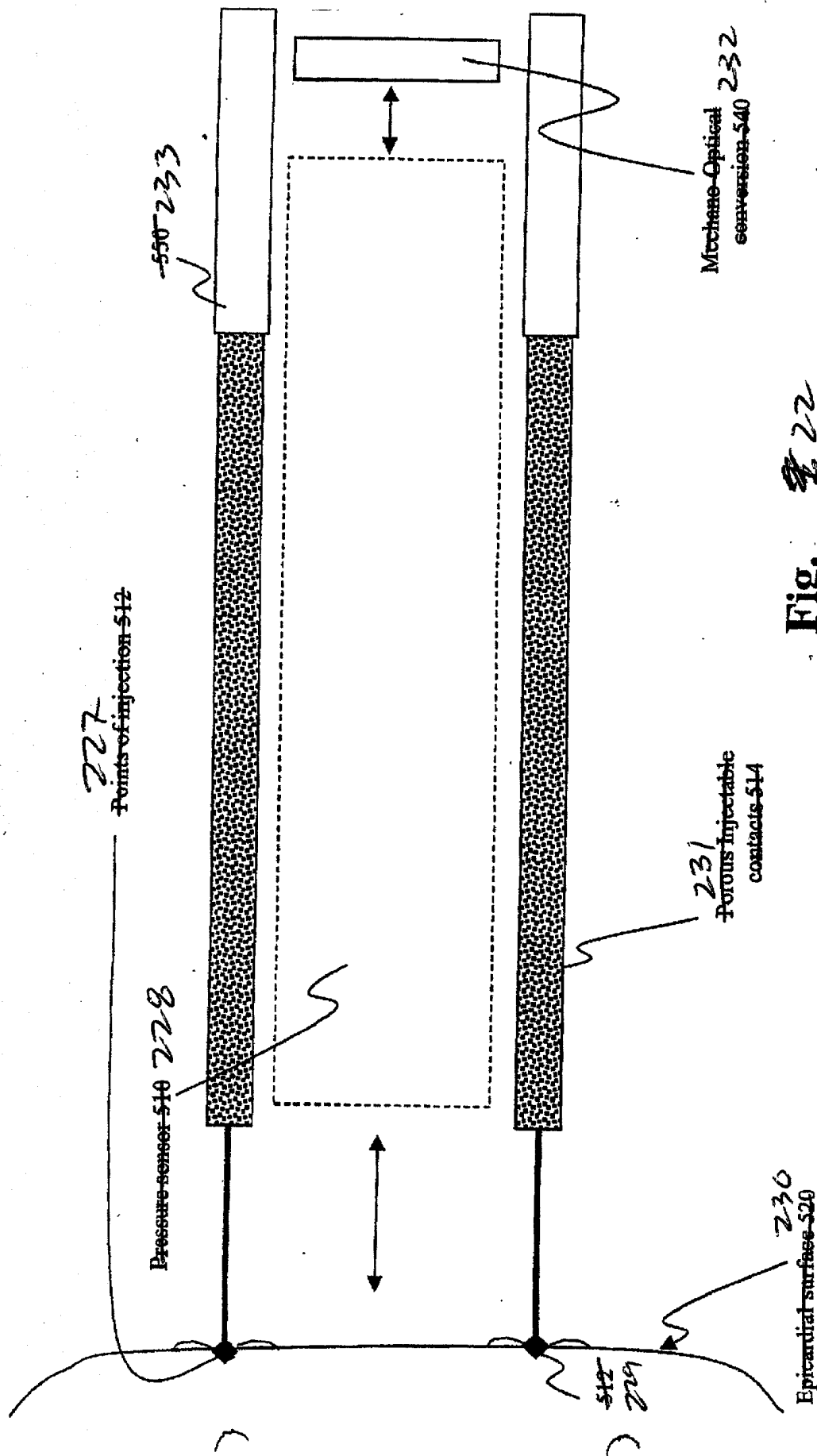


Fig. 22

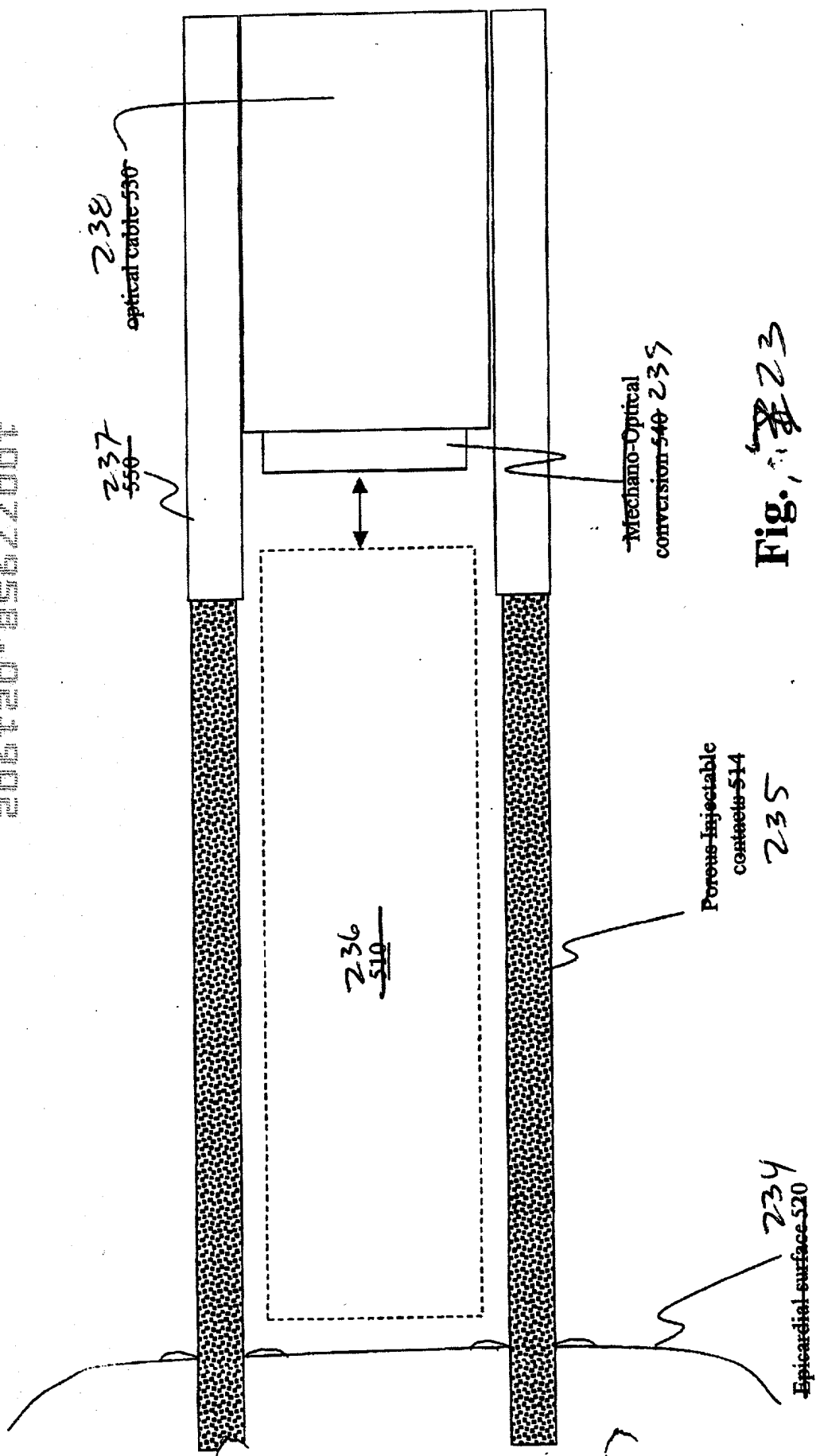


Fig. 23

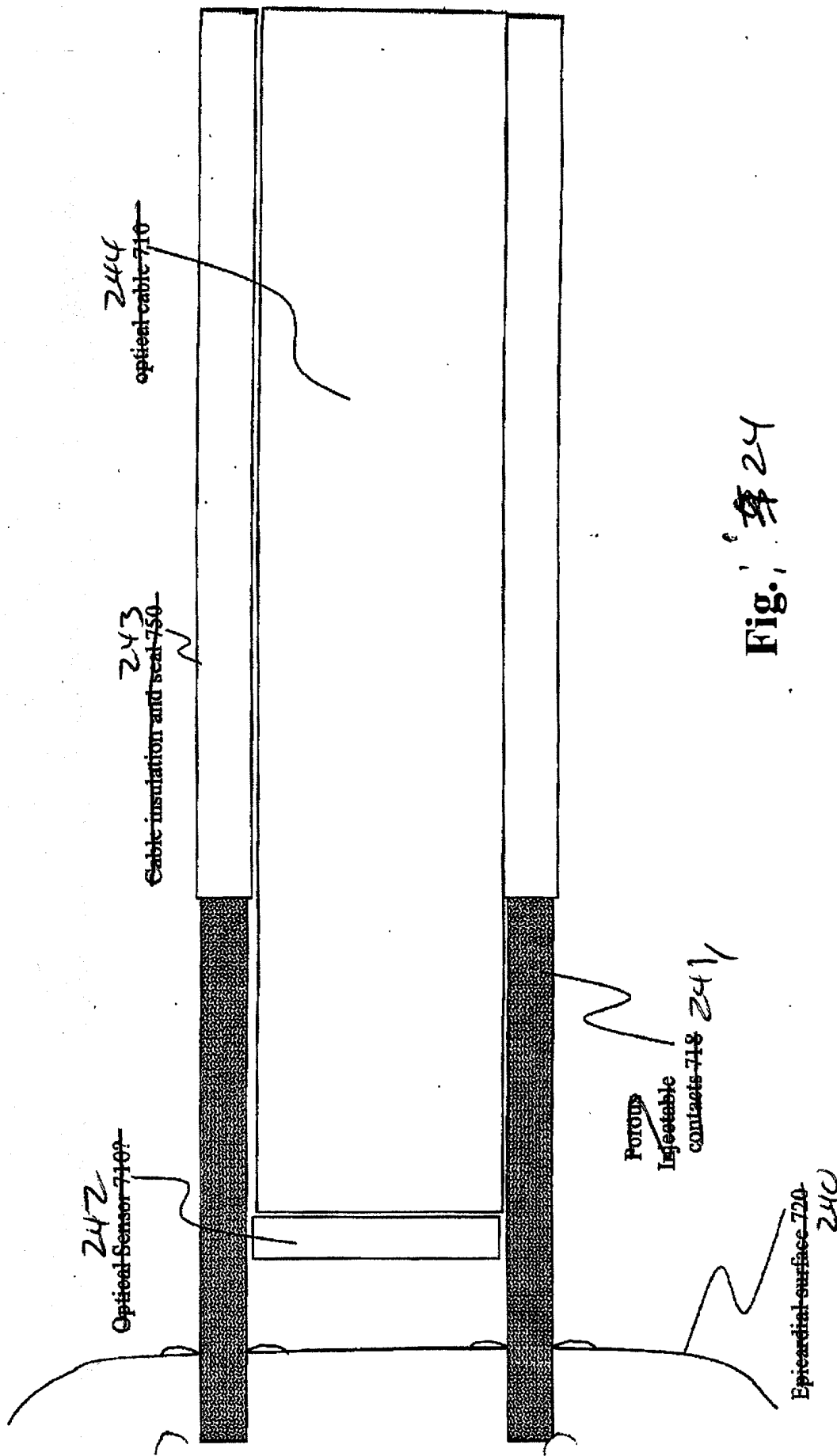


Fig. 24

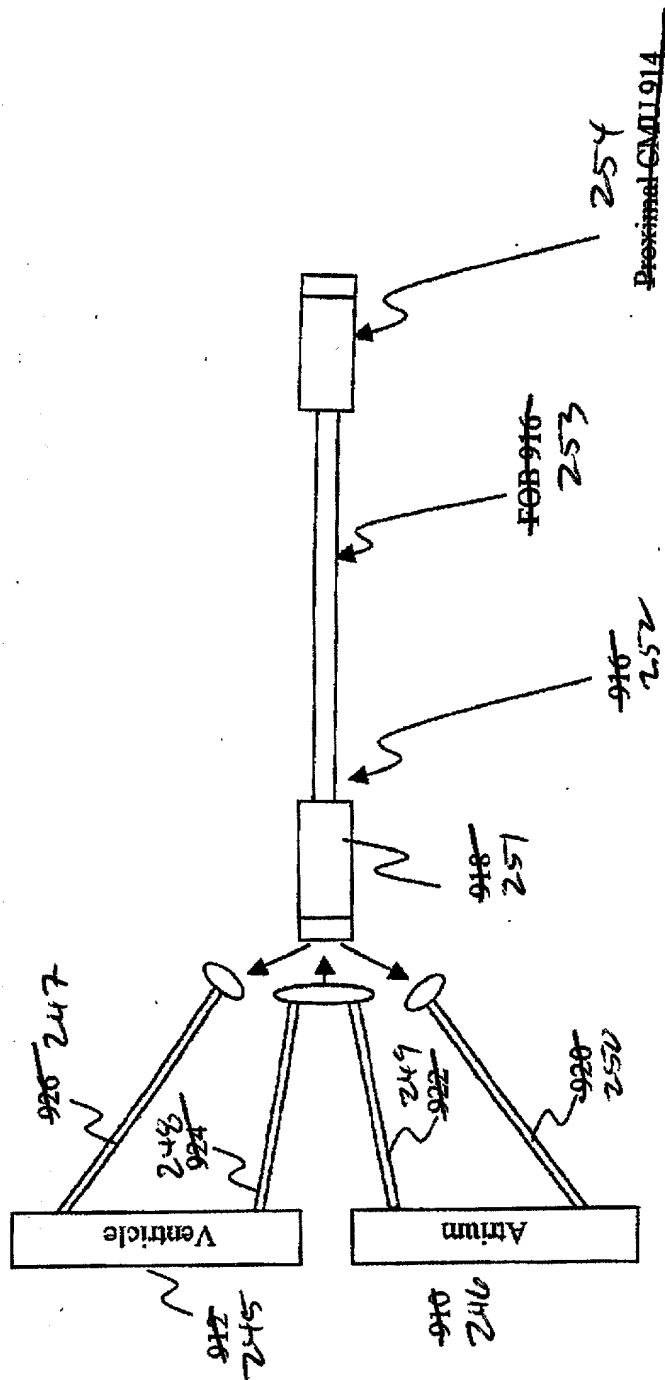


Fig. 25

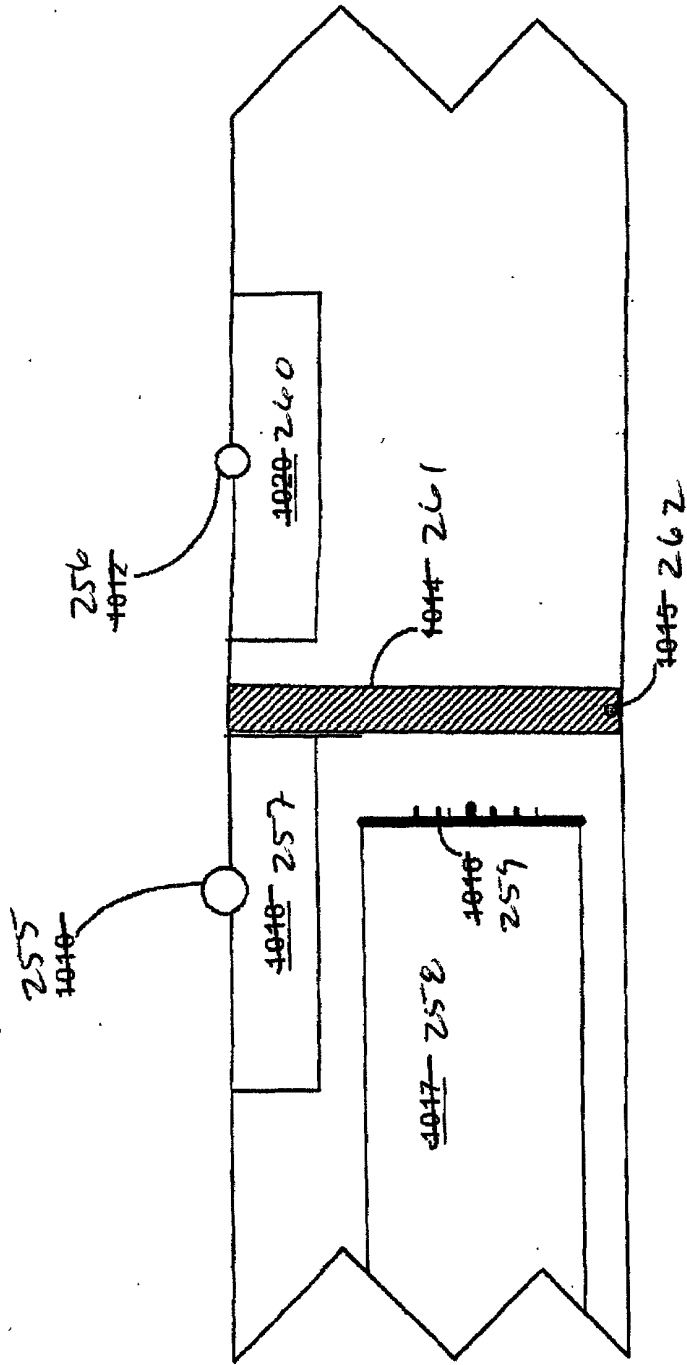


Fig. 26

43

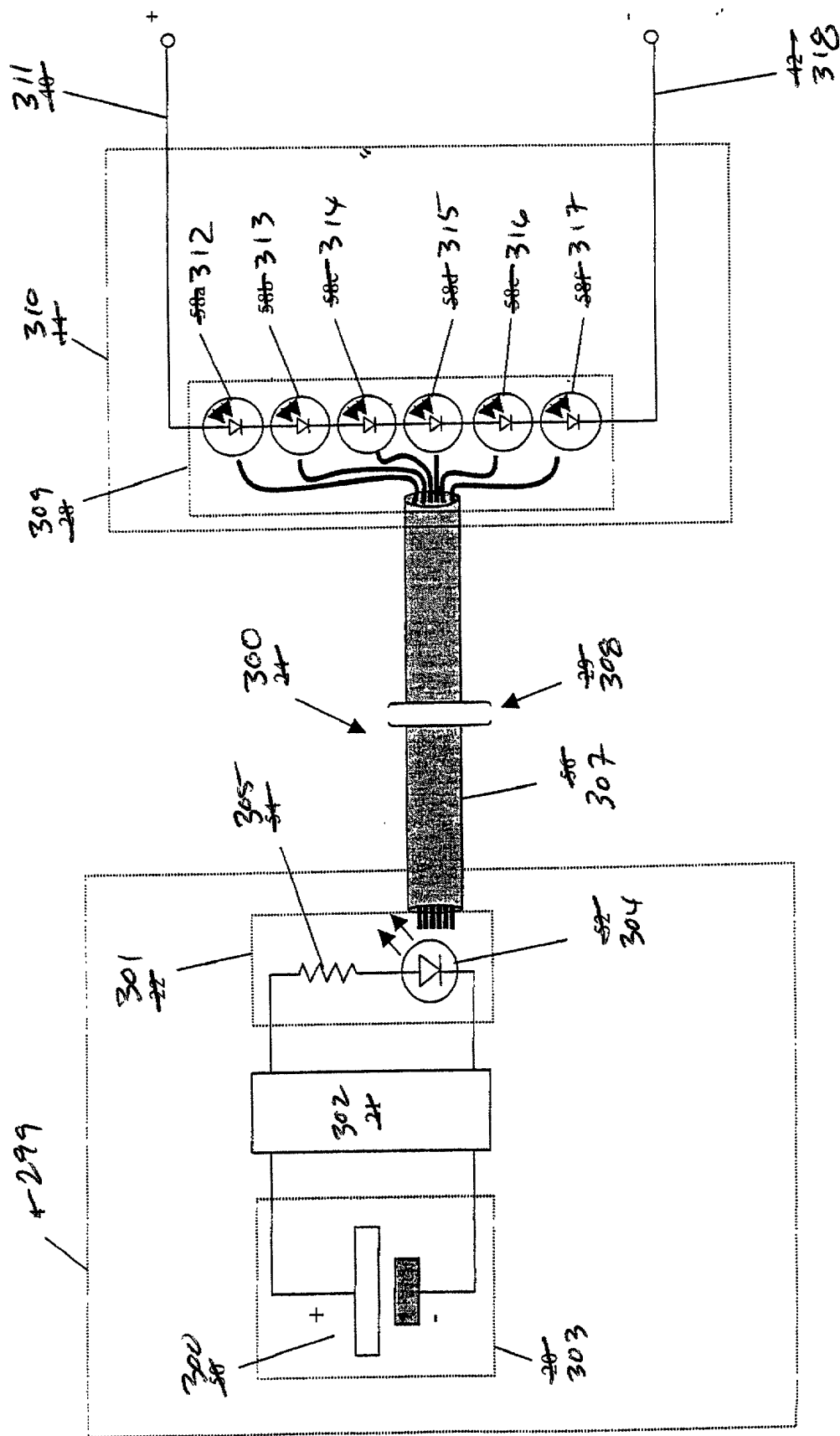


FIG. 29

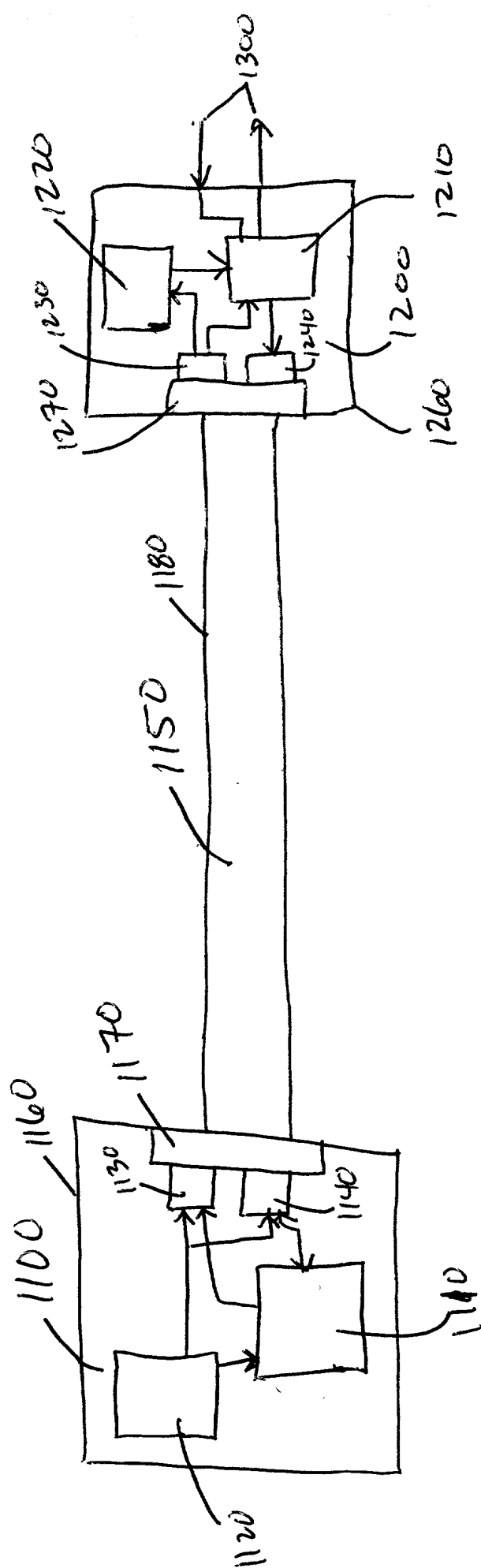


FIGURE 30

2015-08-20 08:56:22

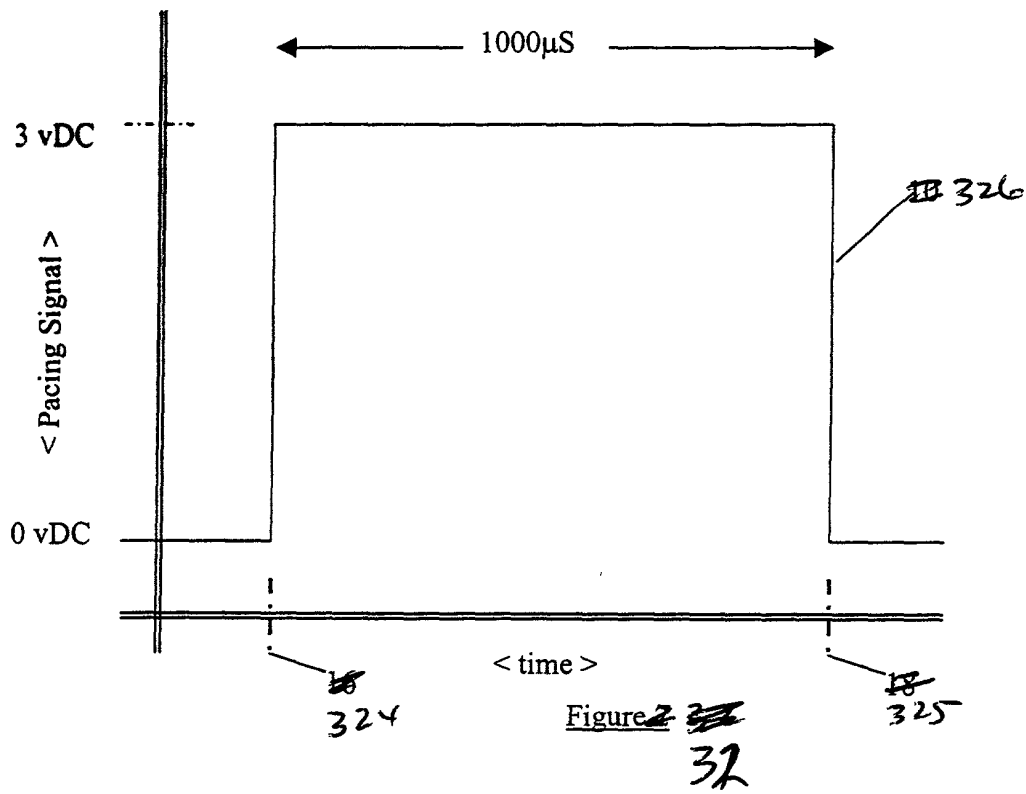
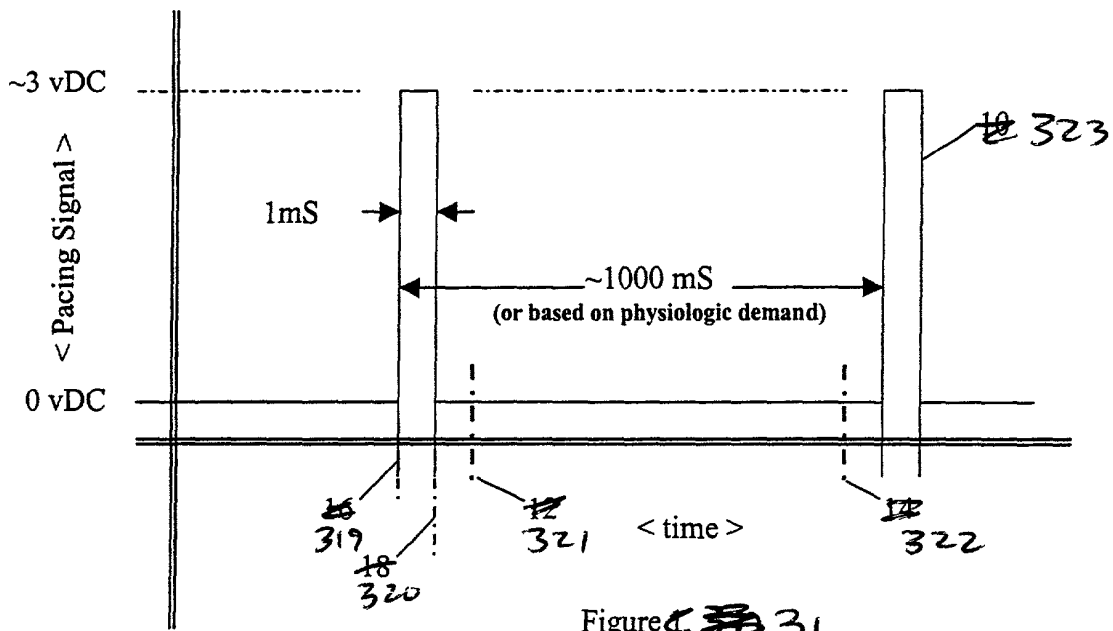




Figure ~~33~~ 33

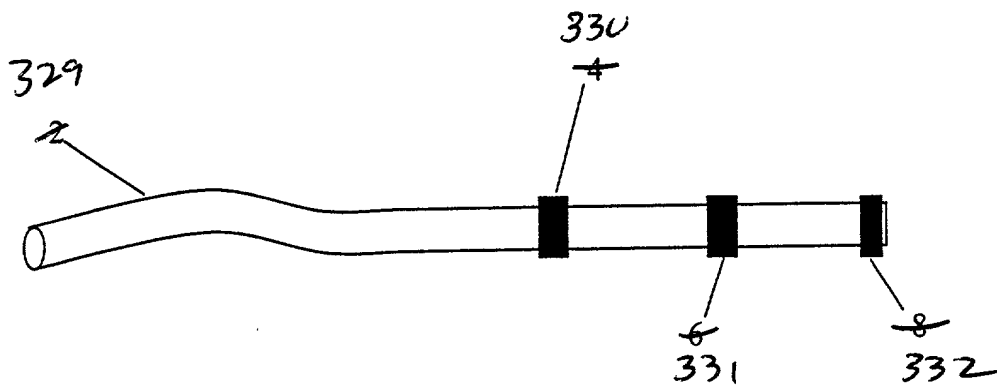


Figure ~~34~~ 34

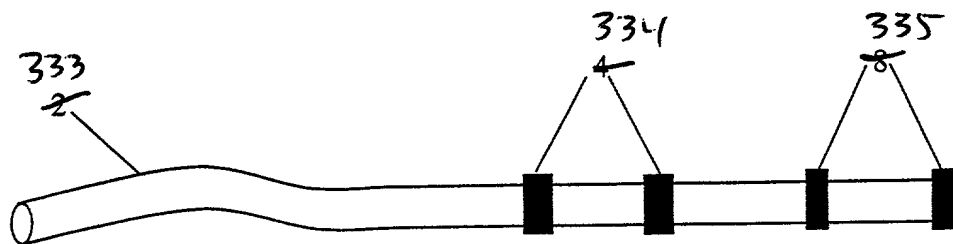


Figure ~~35~~ 35

206120-89642001

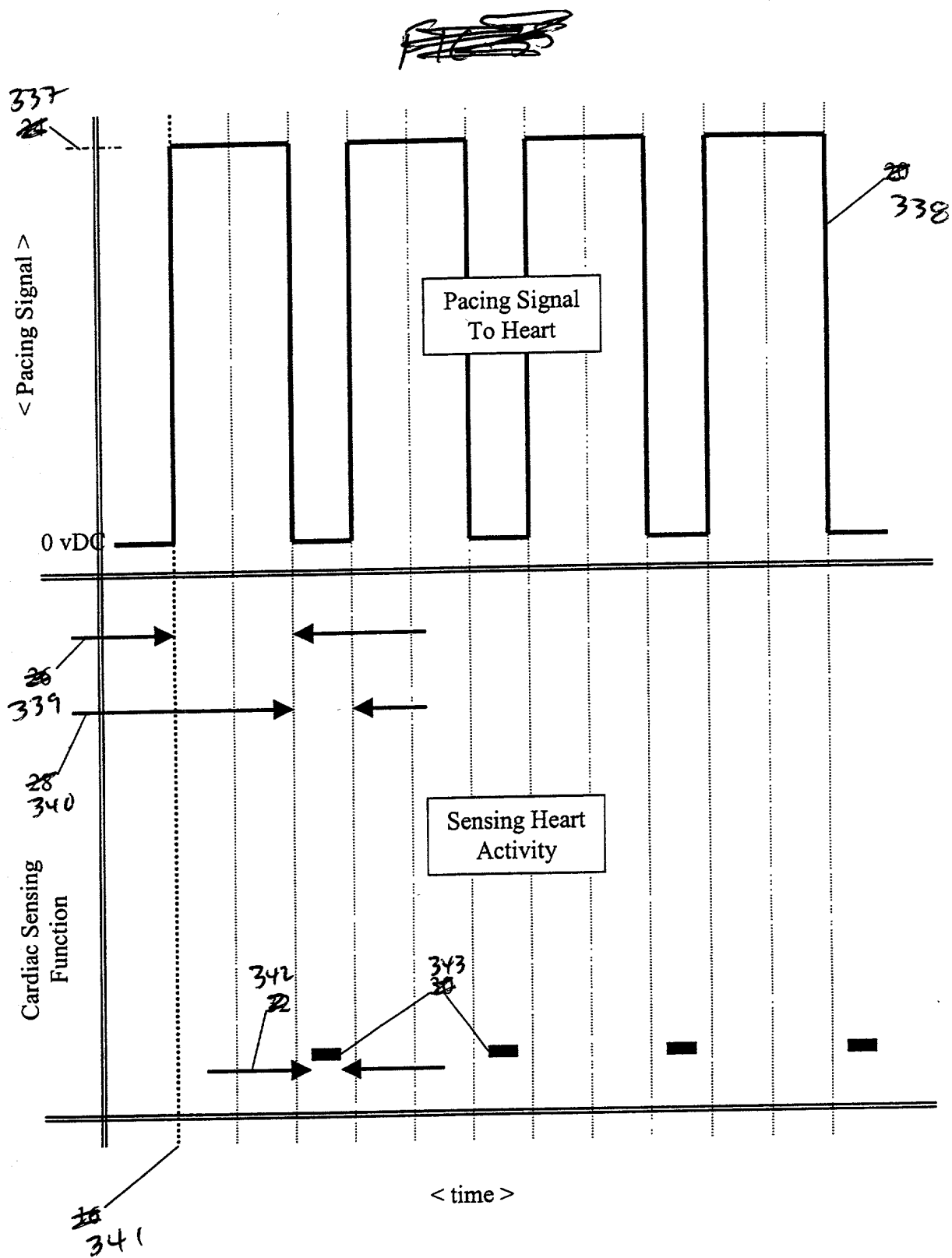


Figure ~~36~~ 36

206T20" 8954200T

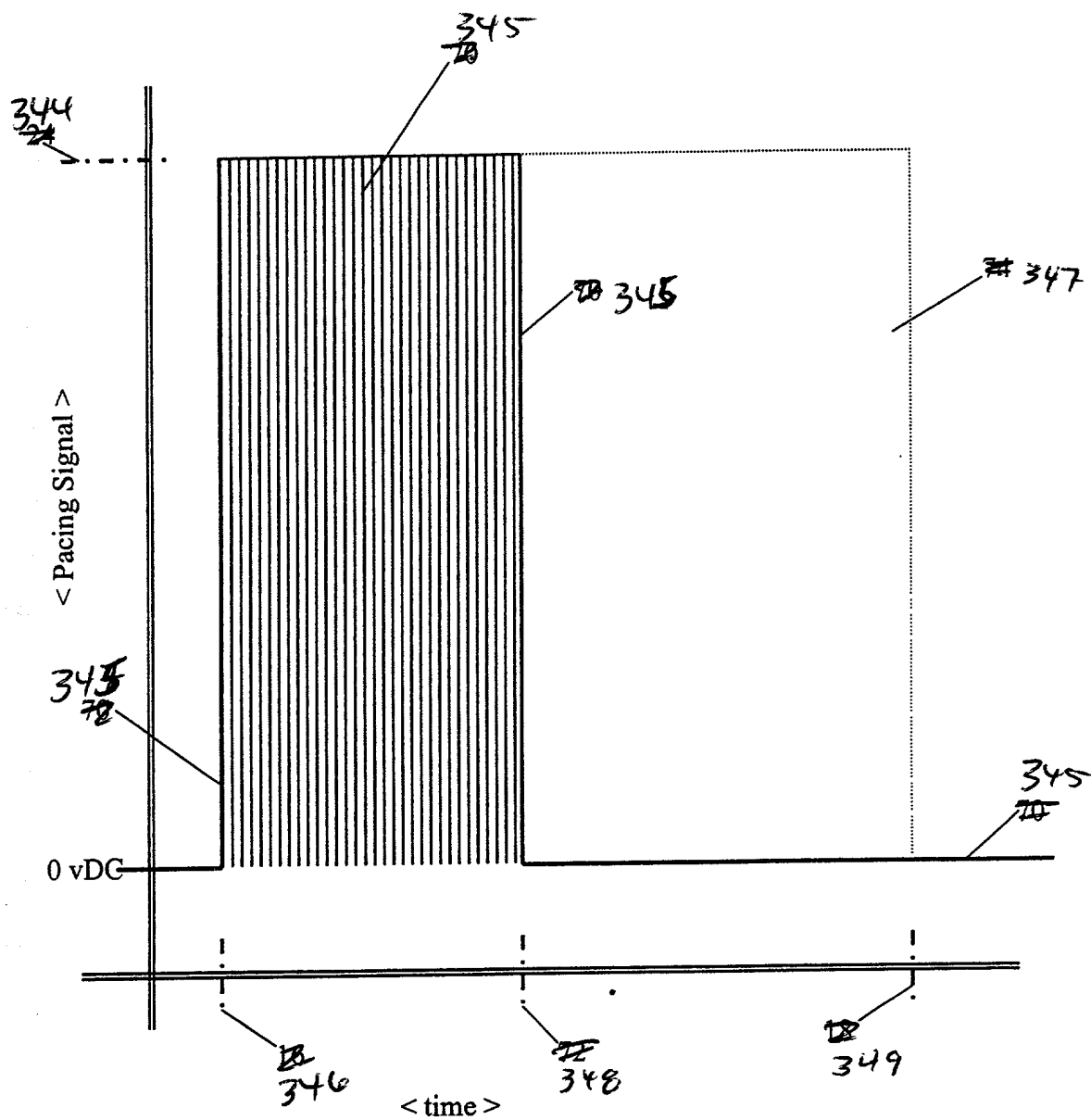


Figure 37

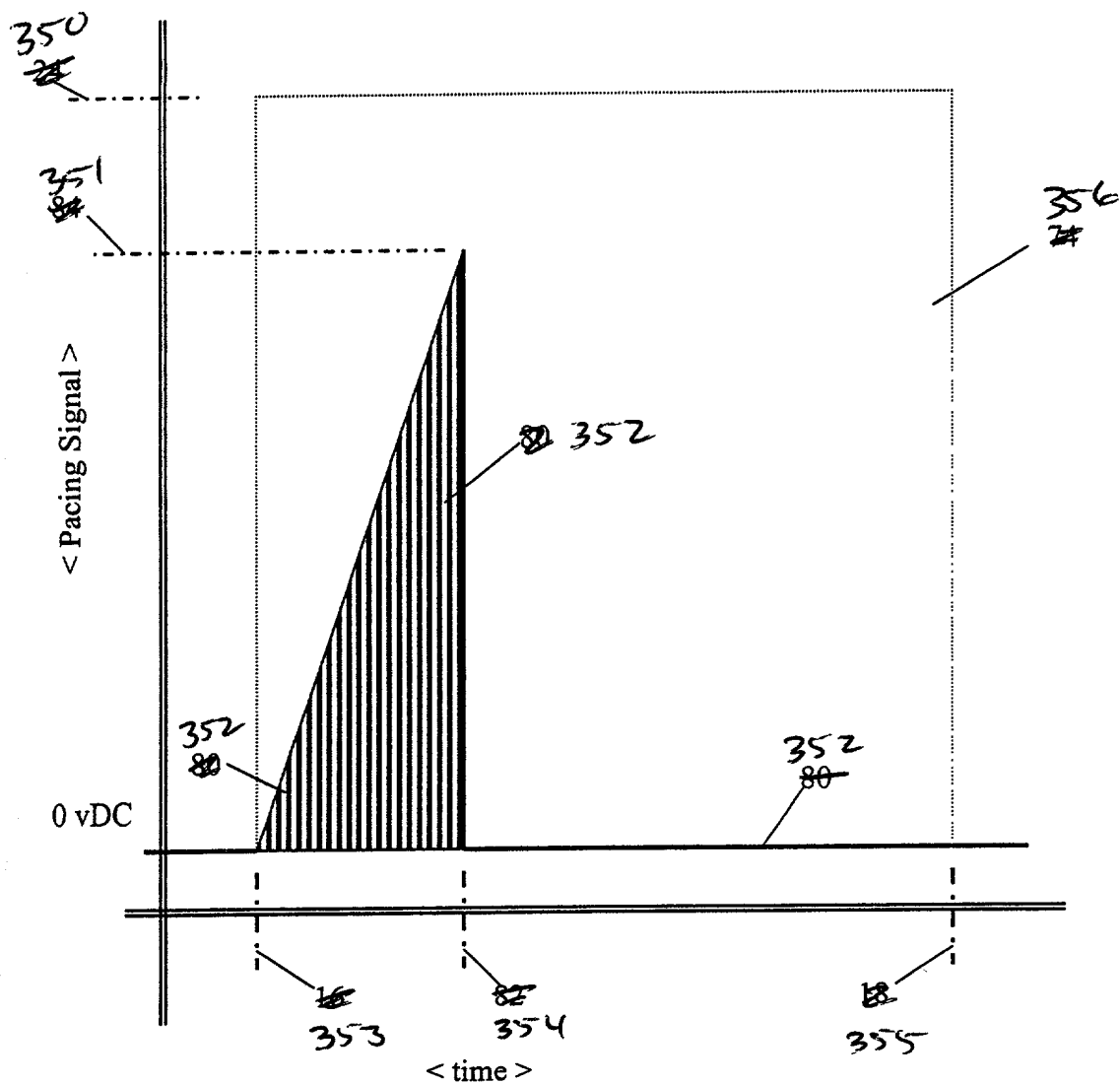


Figure 38

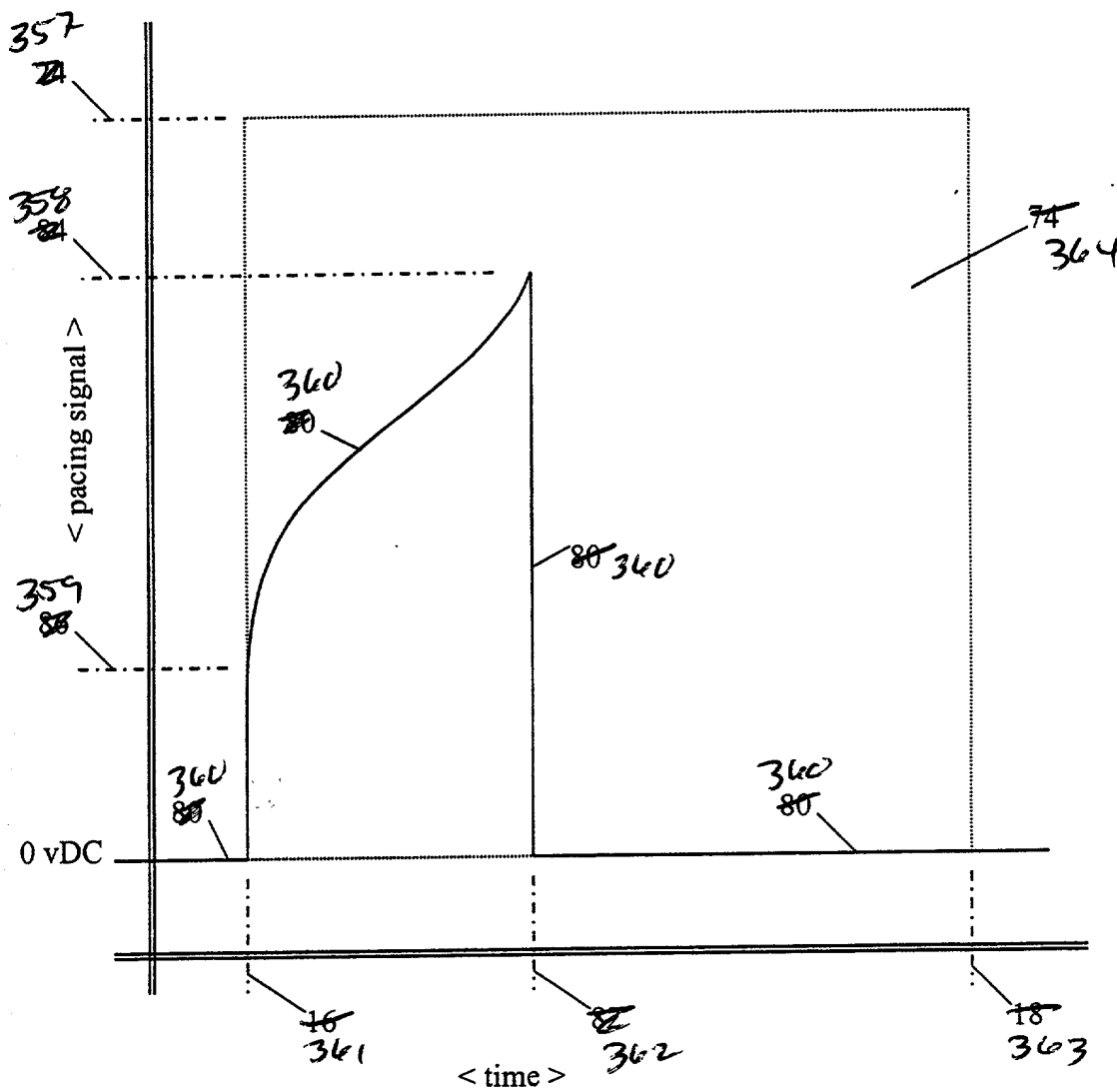


Figure 39

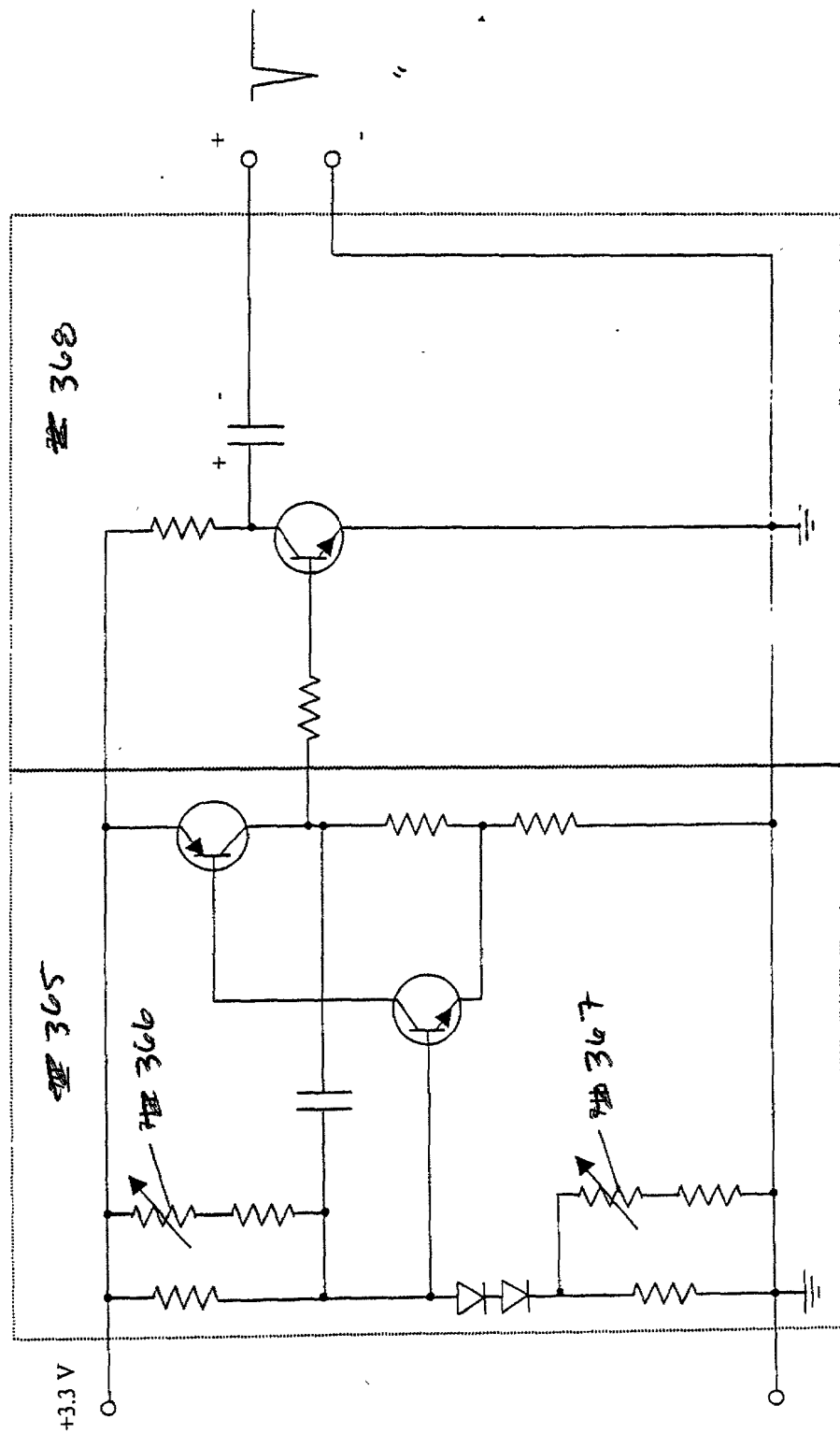
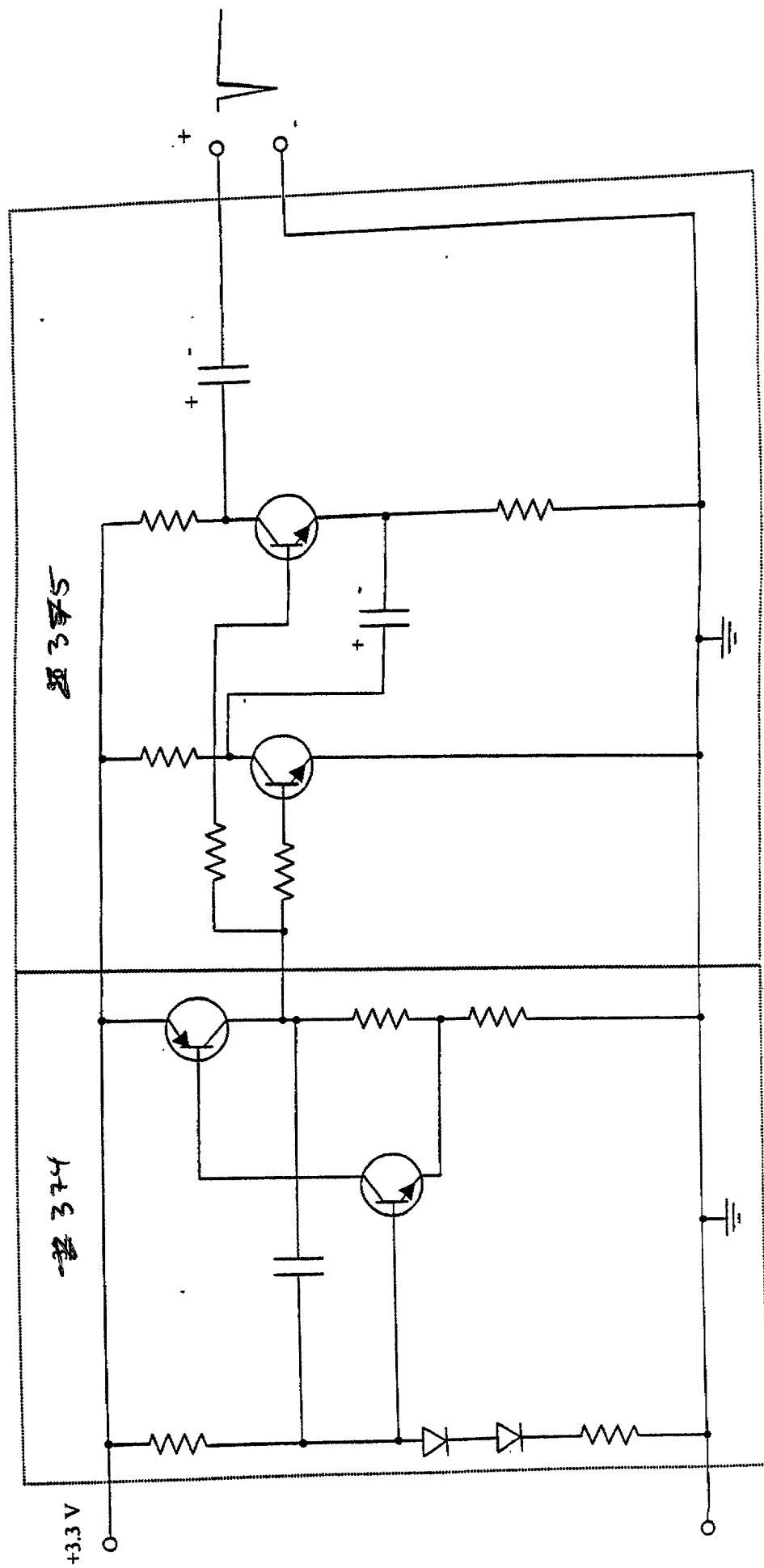


FIG. 40

369

206720" 85644007



373

FIG. 442

206T20" B5B4.00T

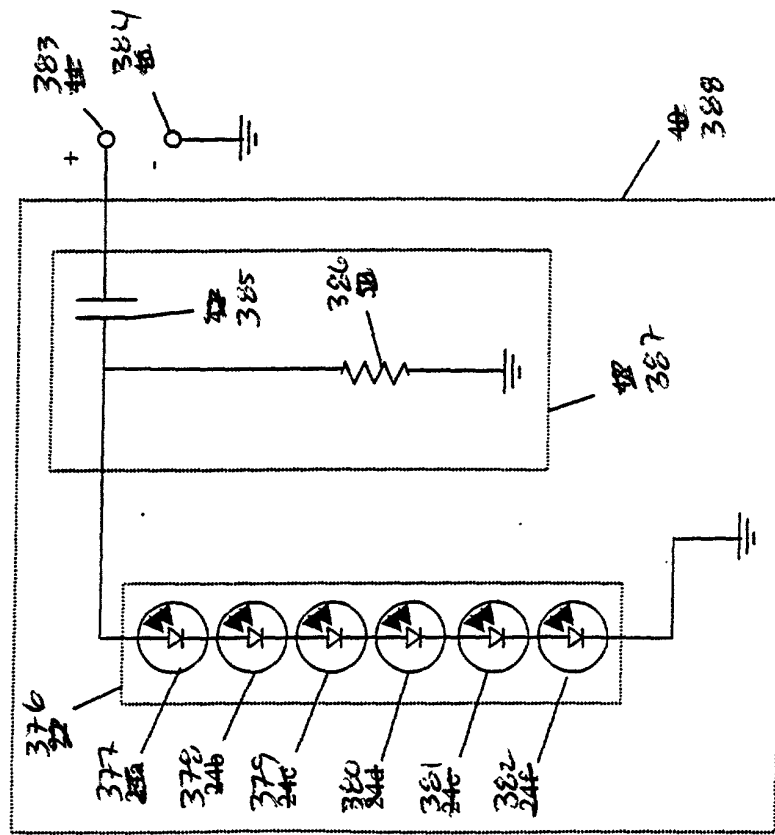


FIG. 843

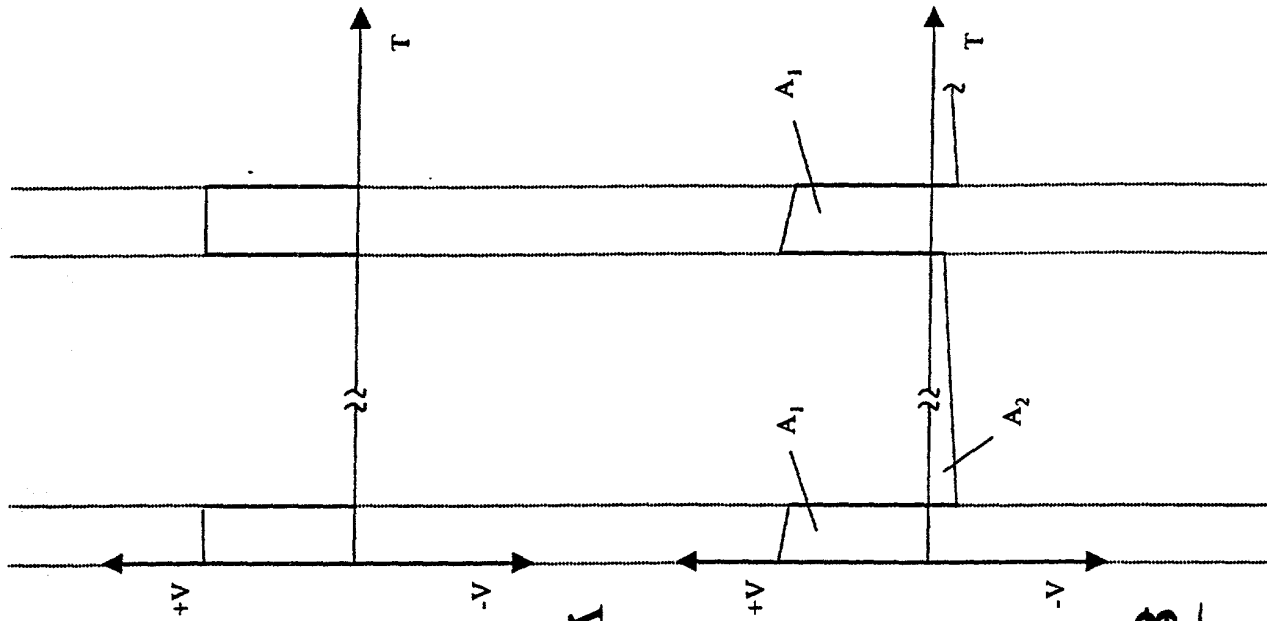


FIG. 644

FIG. 645

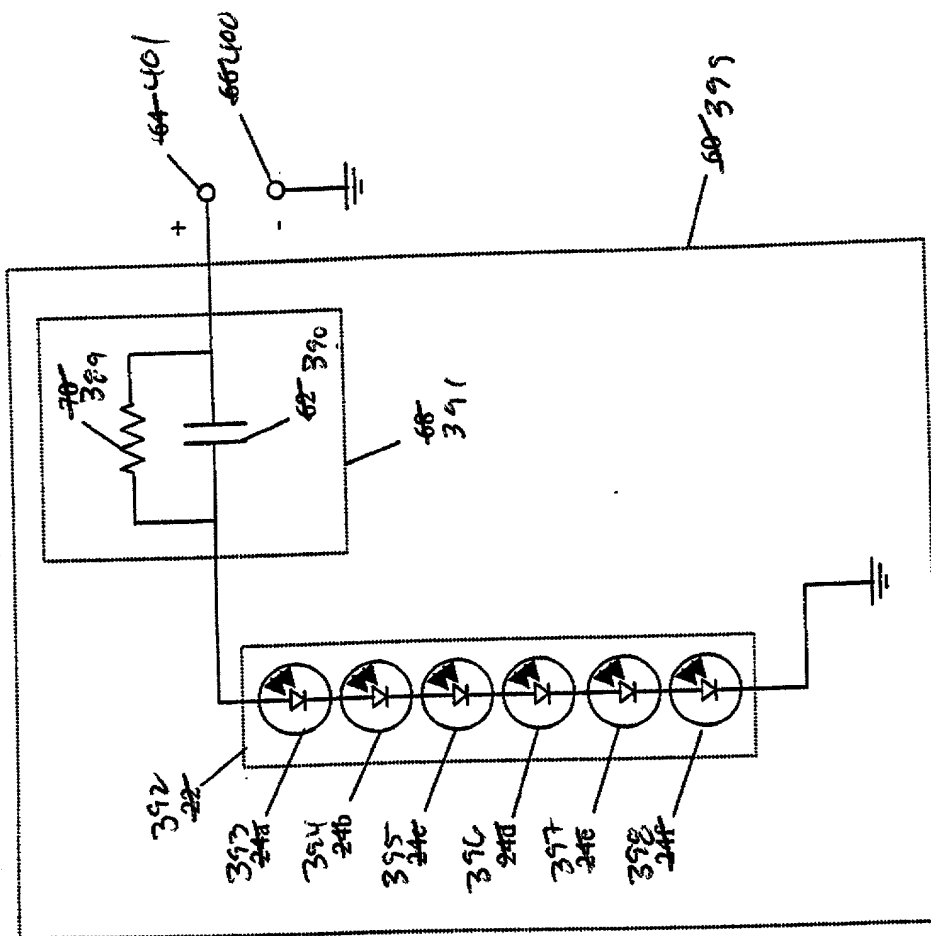


FIG. 340

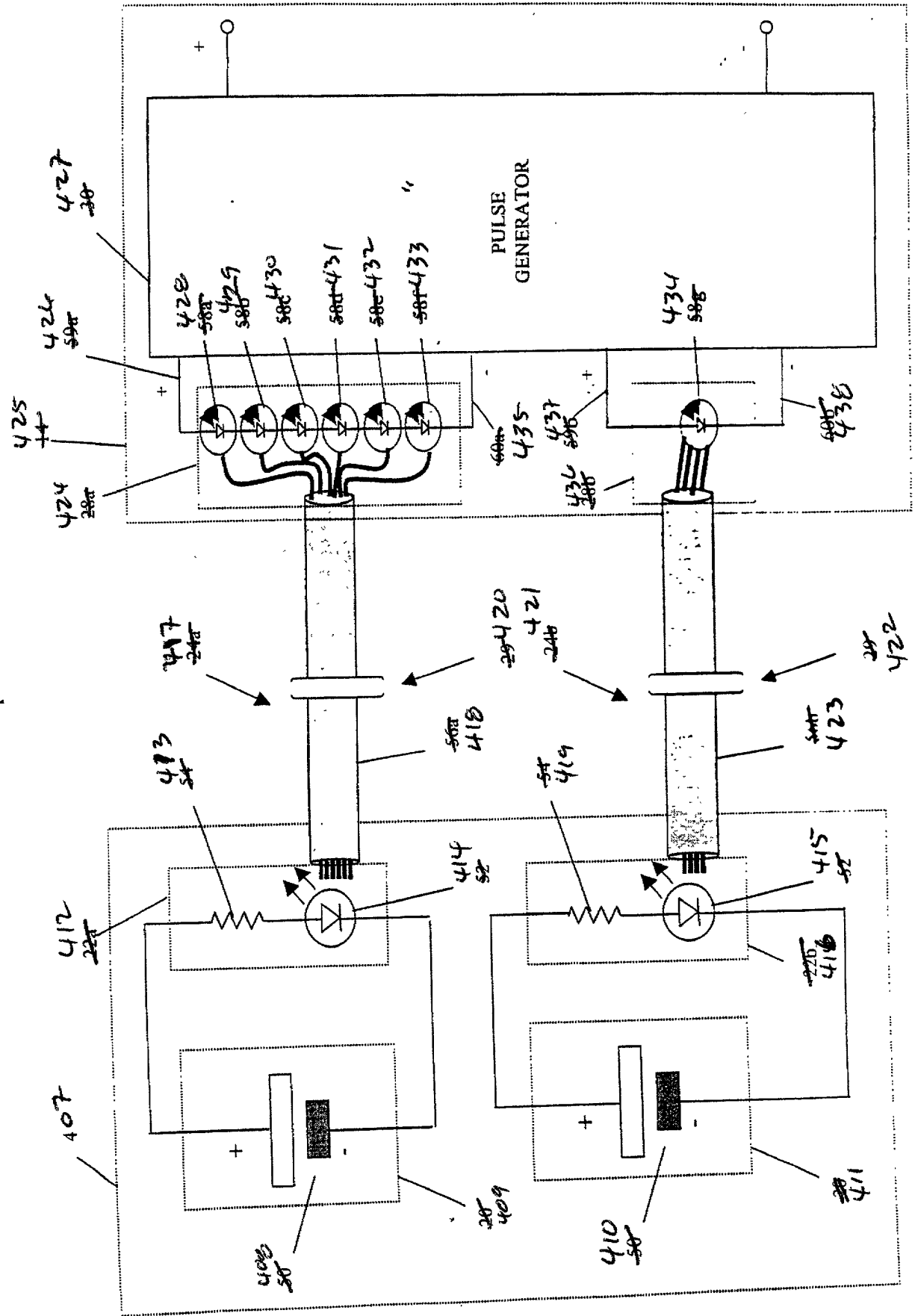
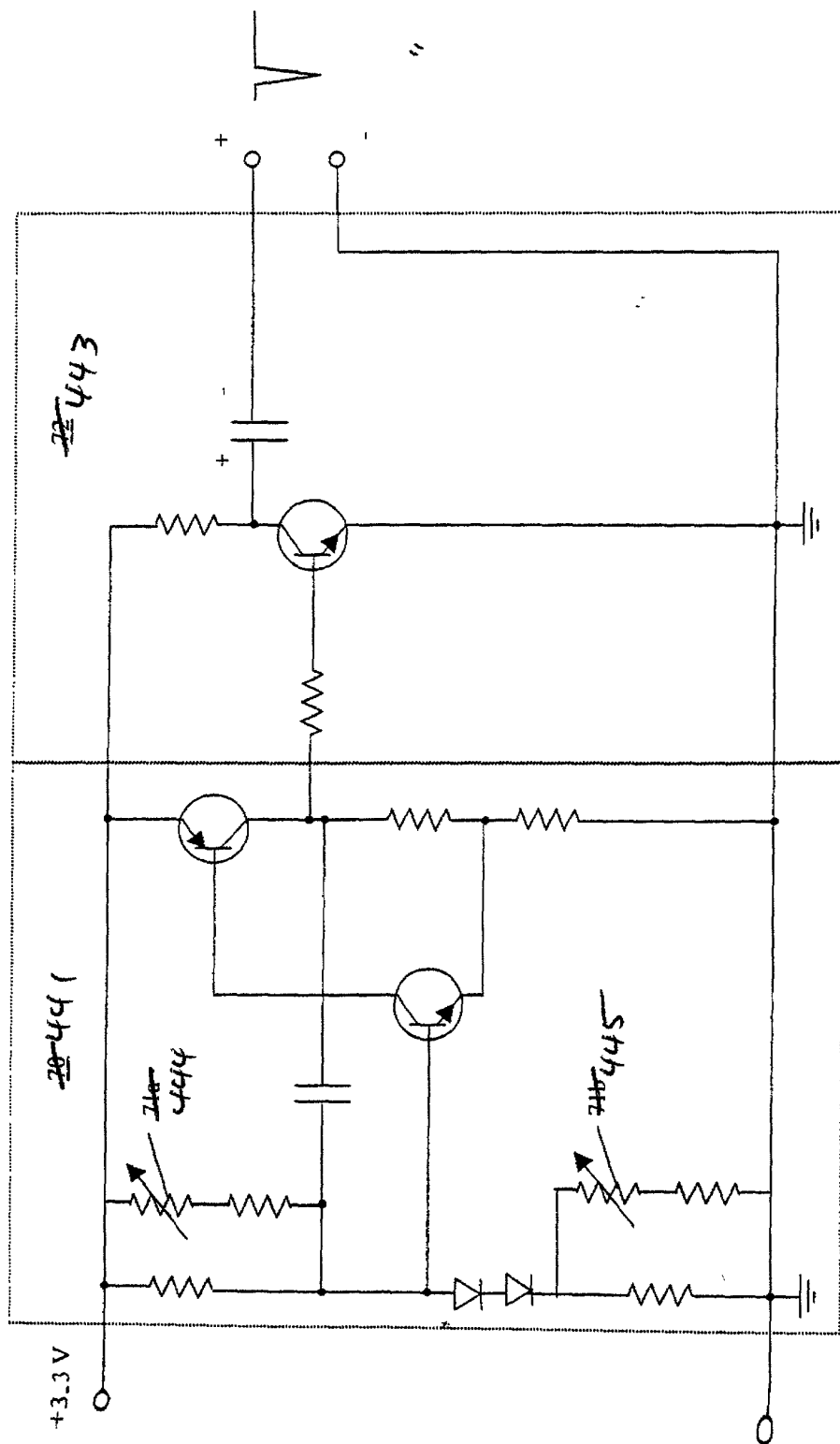


FIG. 348

206720 8562007

440

2442



2439

FIG. 449

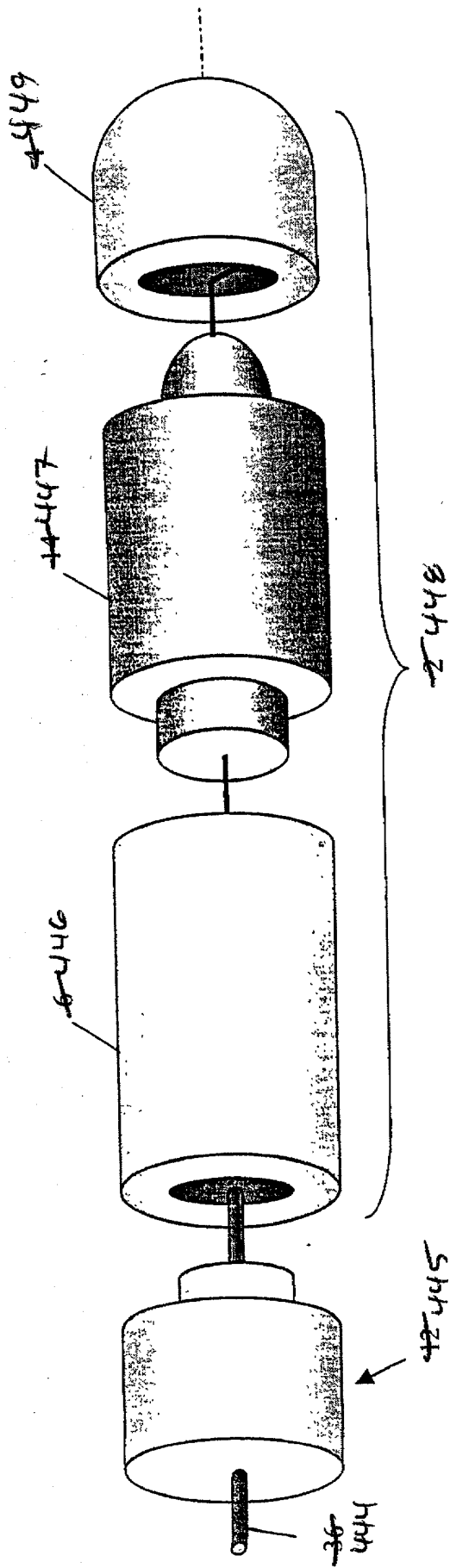


FIG. 450

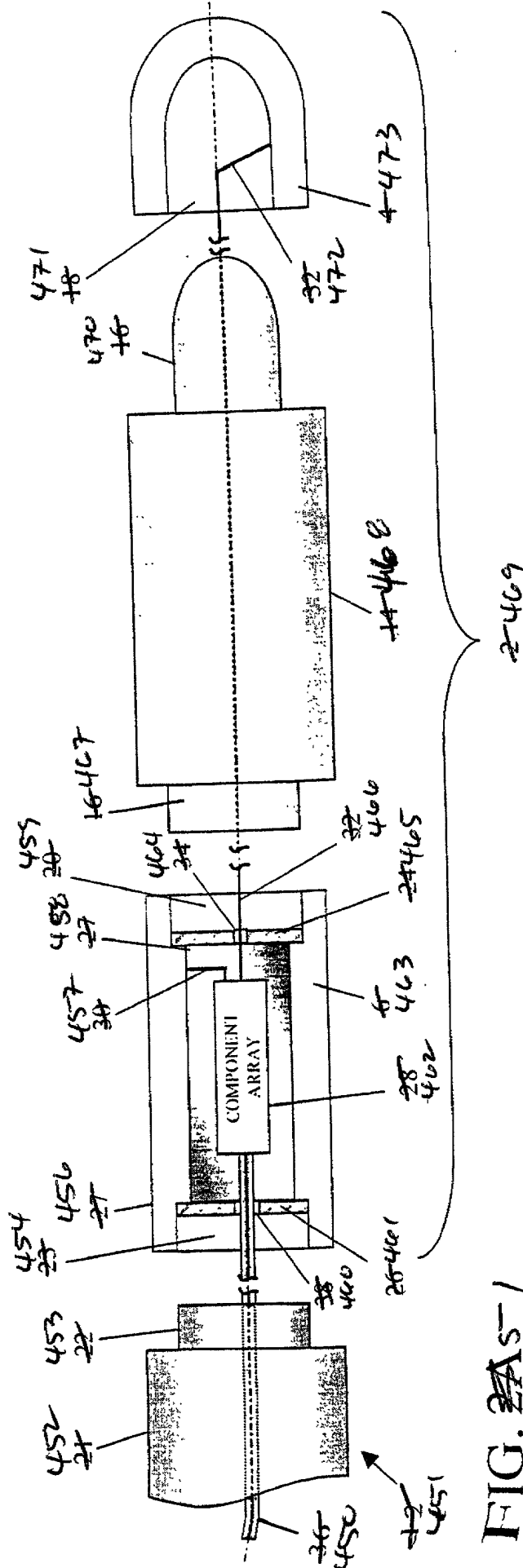


FIG. 451

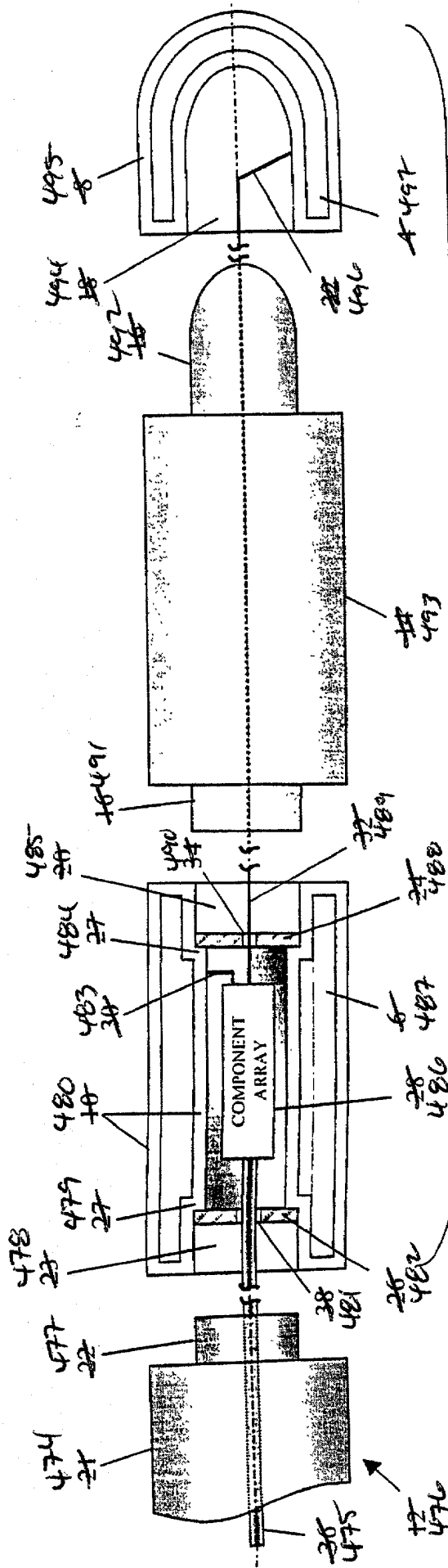


FIG. 2B S2

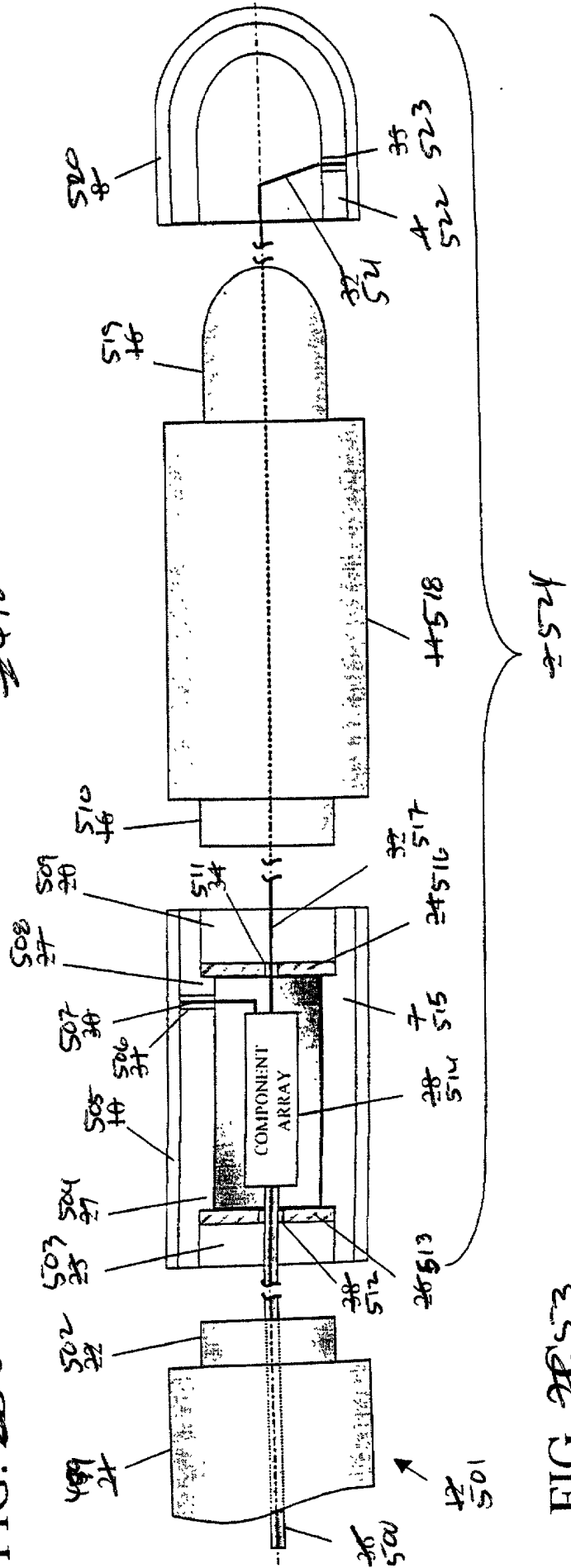


FIG. 2C S3

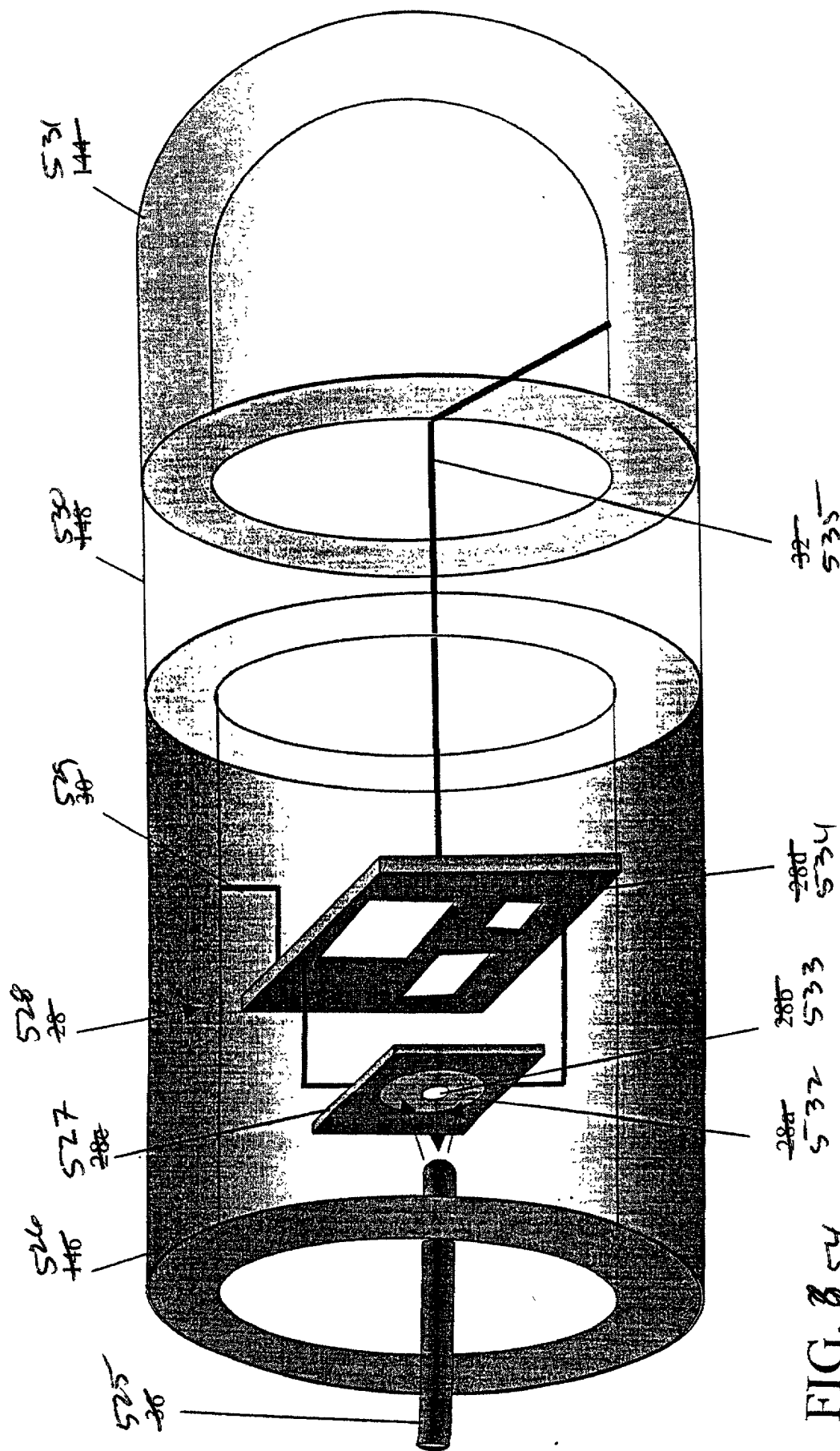


FIG. 8 54

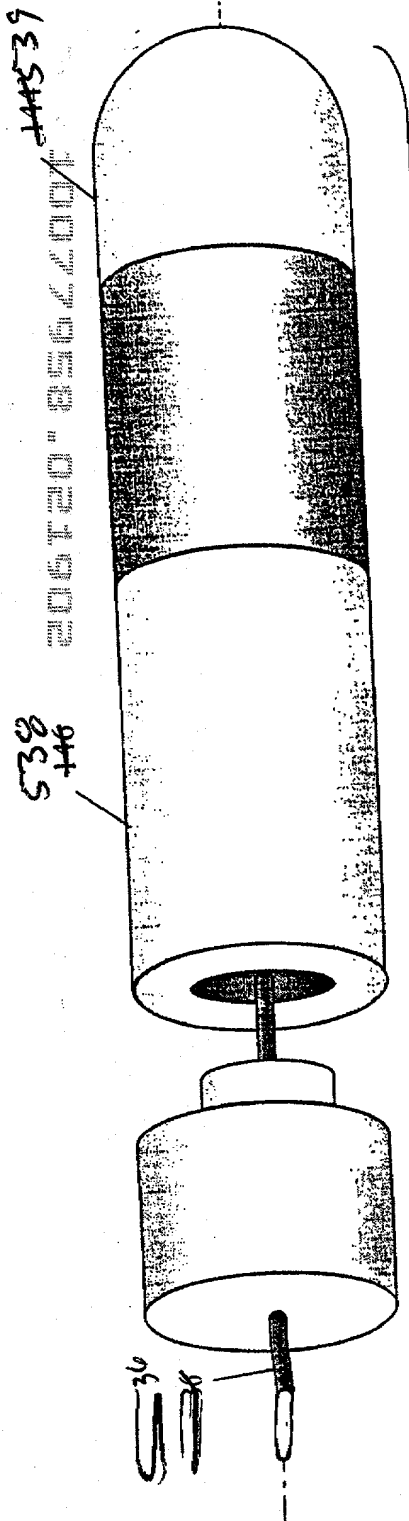


FIG. 455

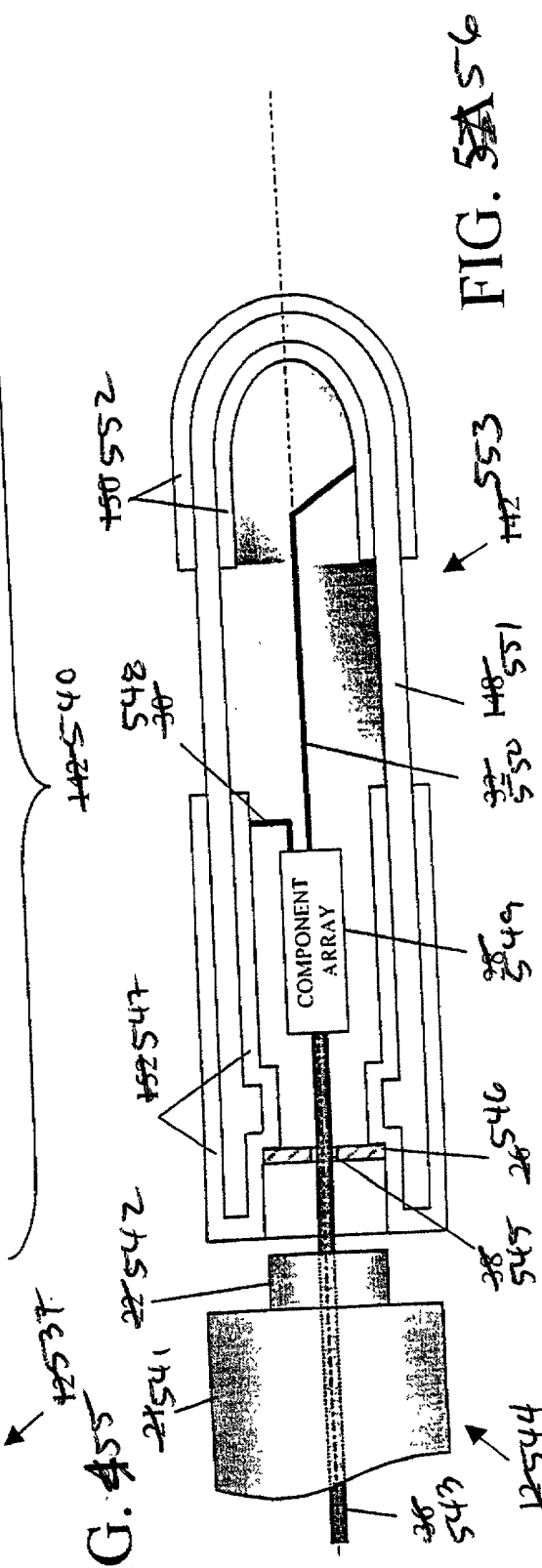


FIG. 553

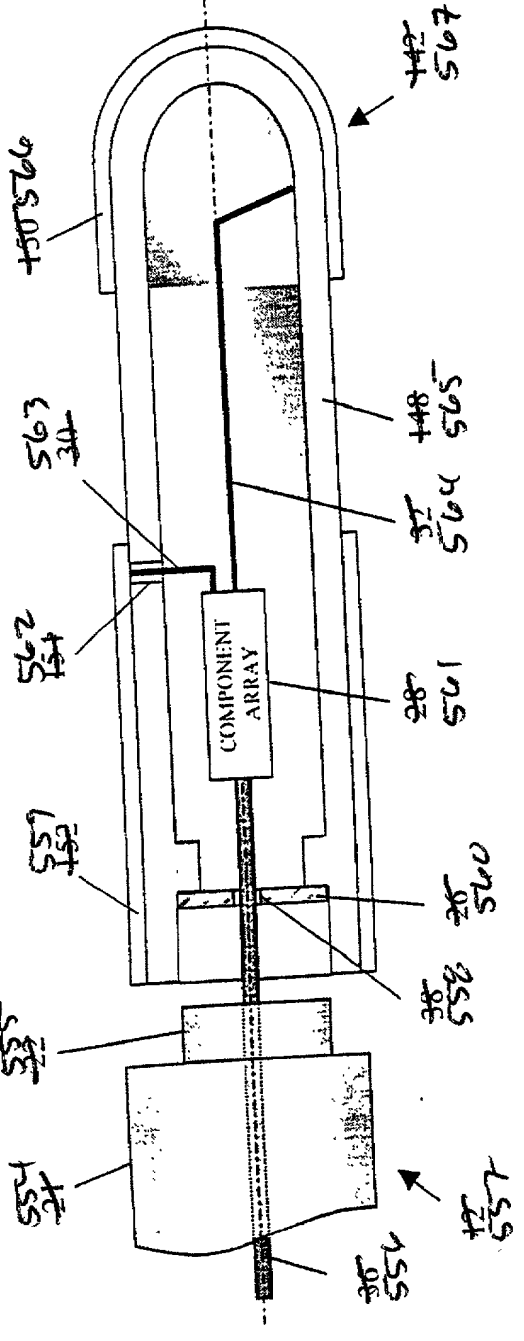


FIG. 567

57

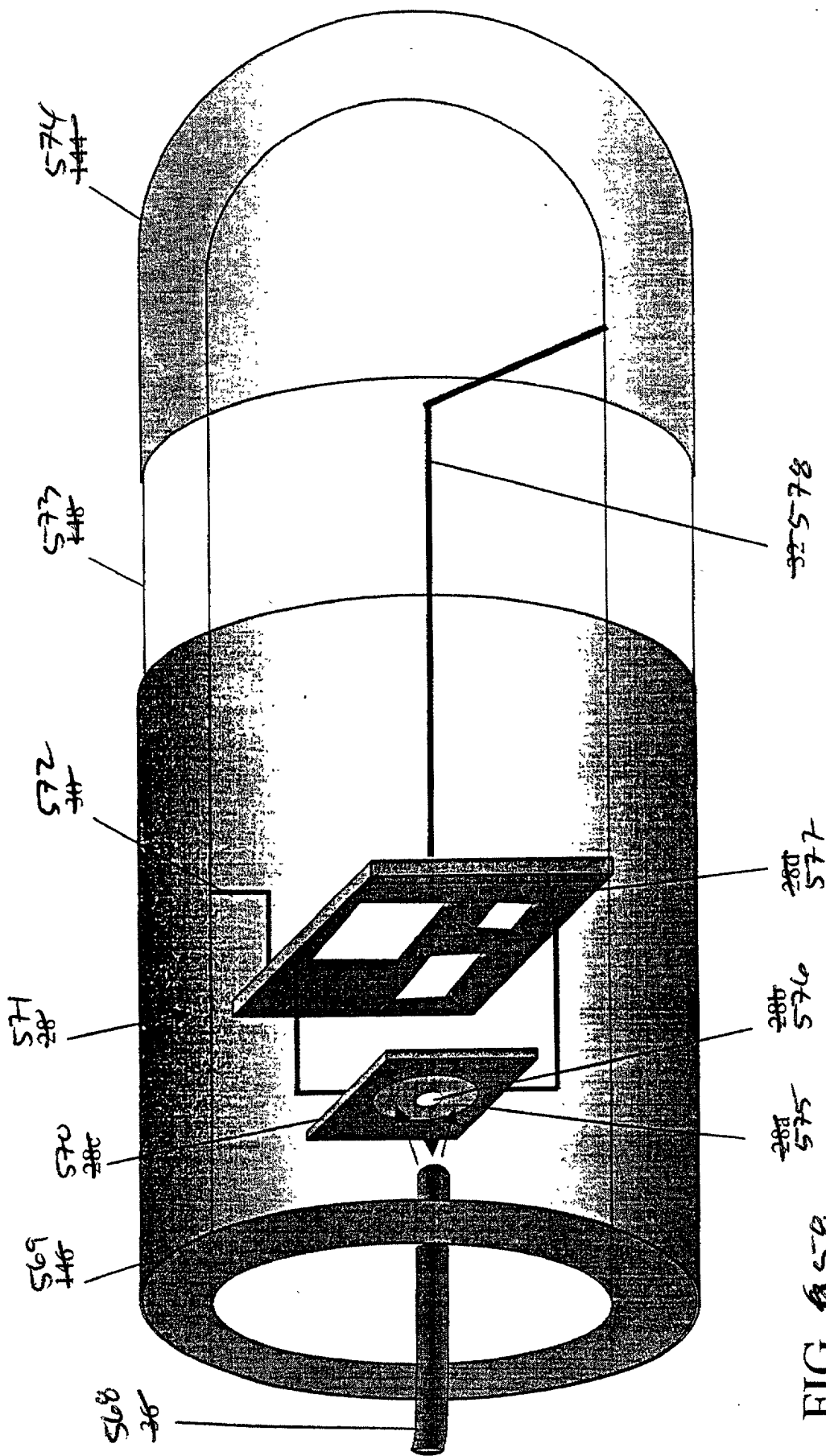


FIG. 58

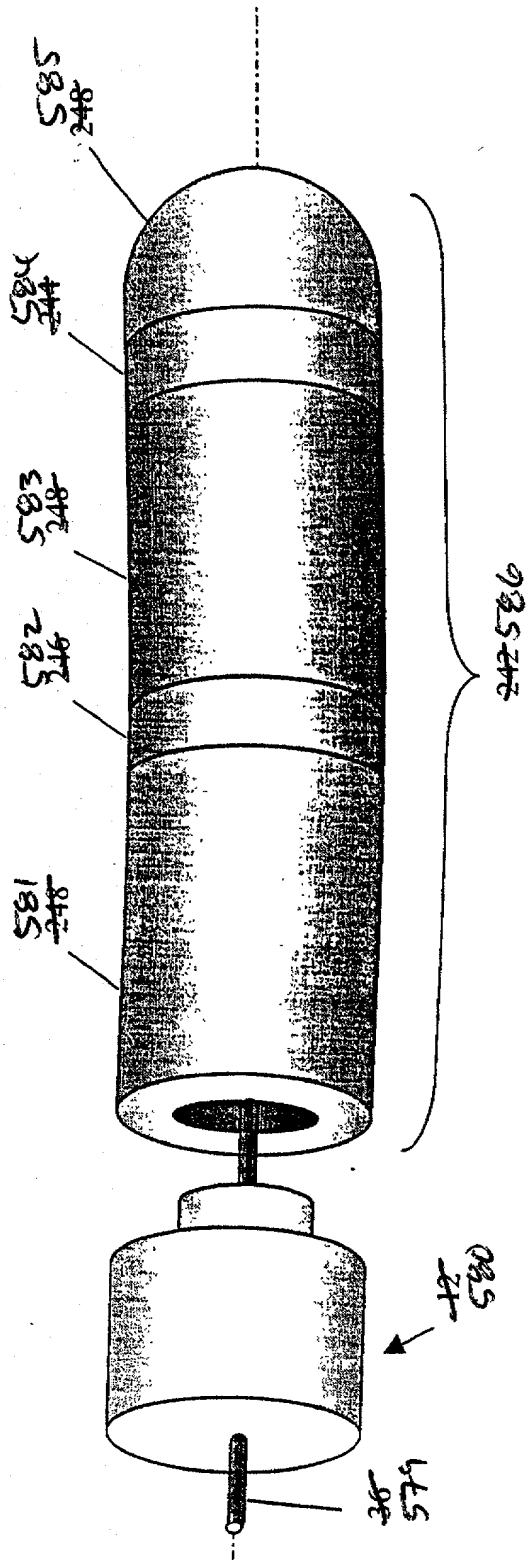


FIG. 259

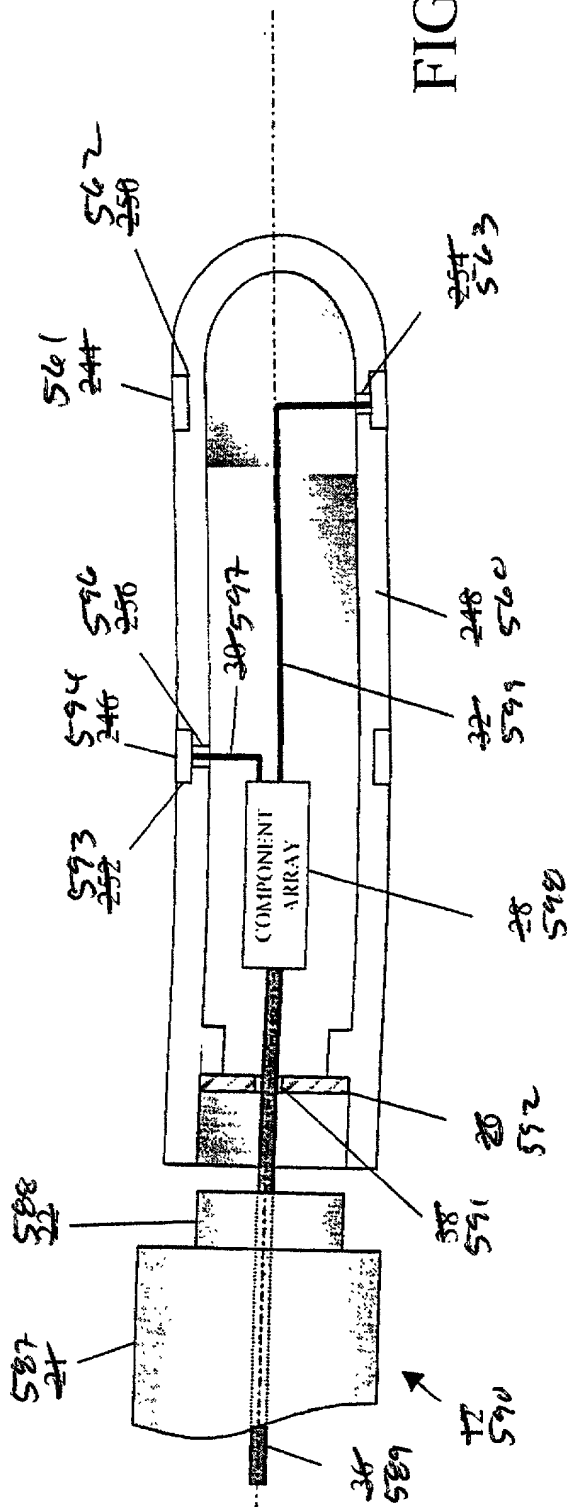


FIG. 260

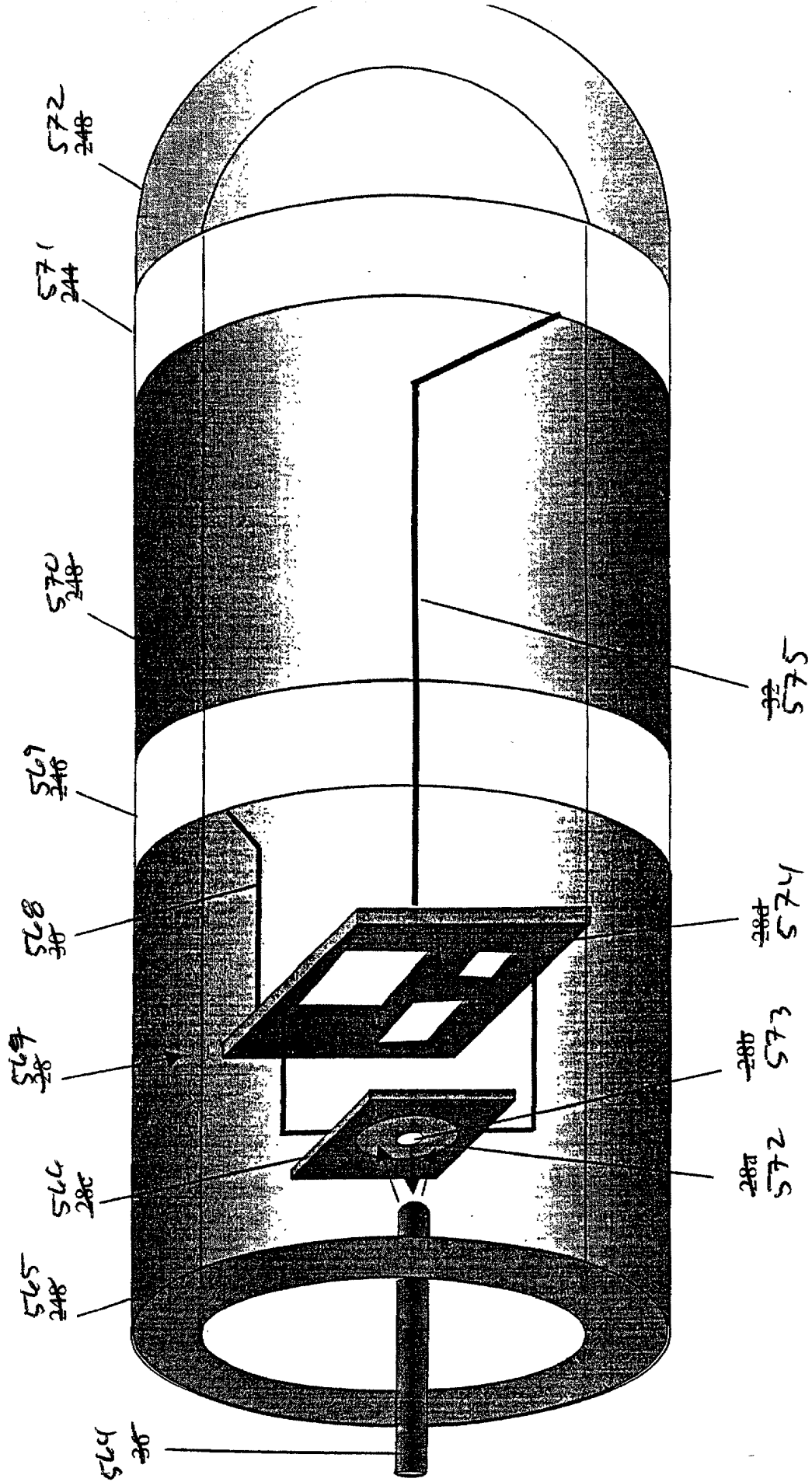


FIG. 961

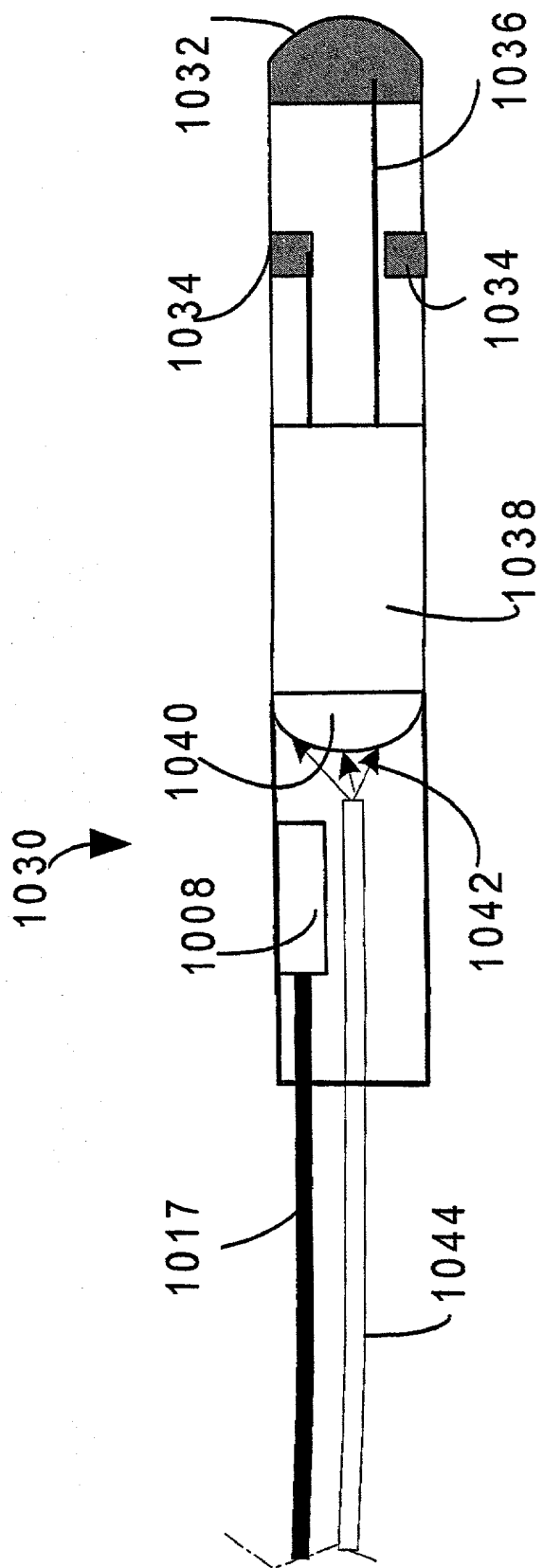


Fig. 10a62

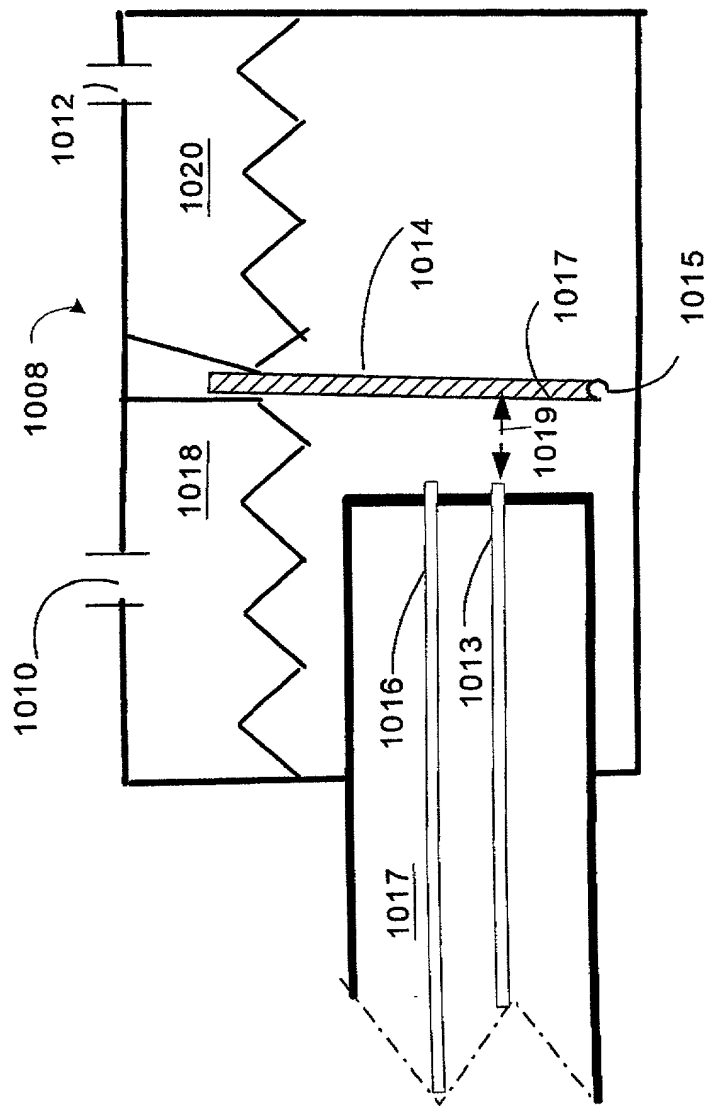


Fig. 10b 63

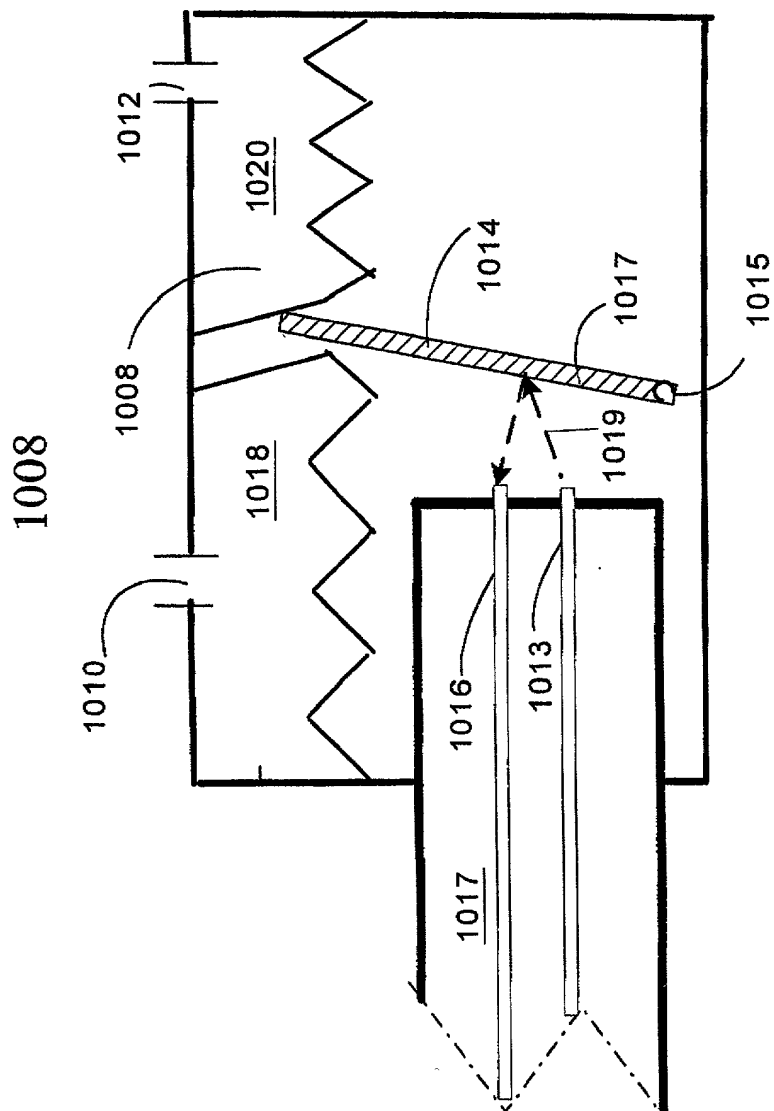
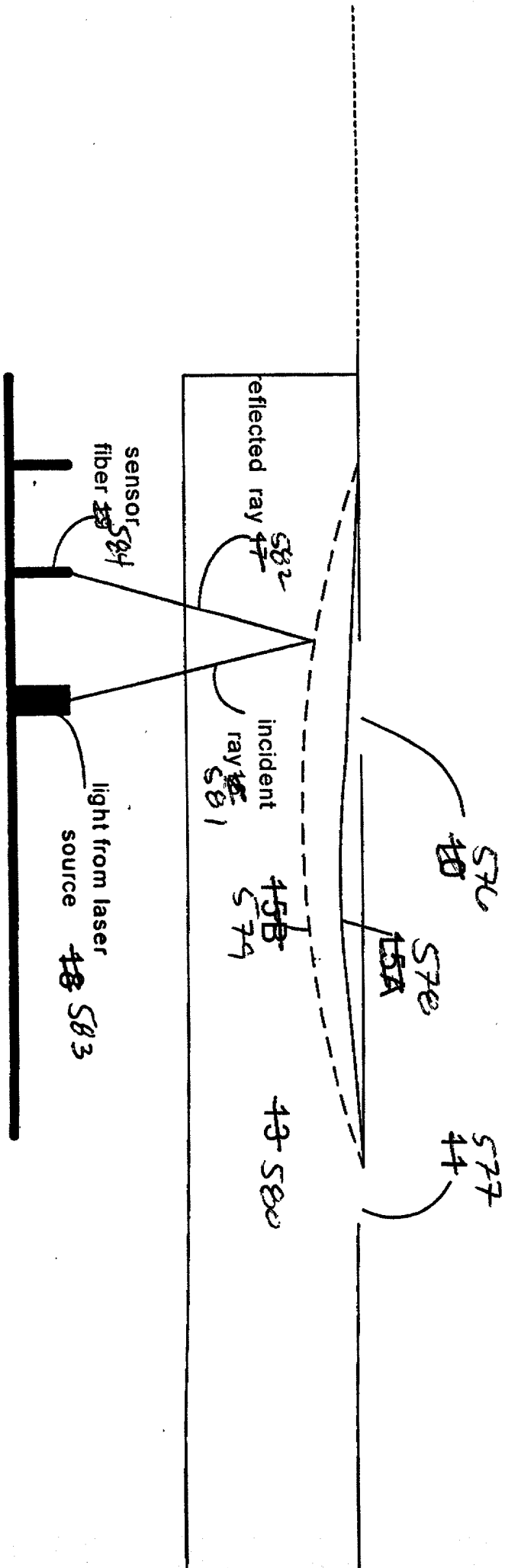
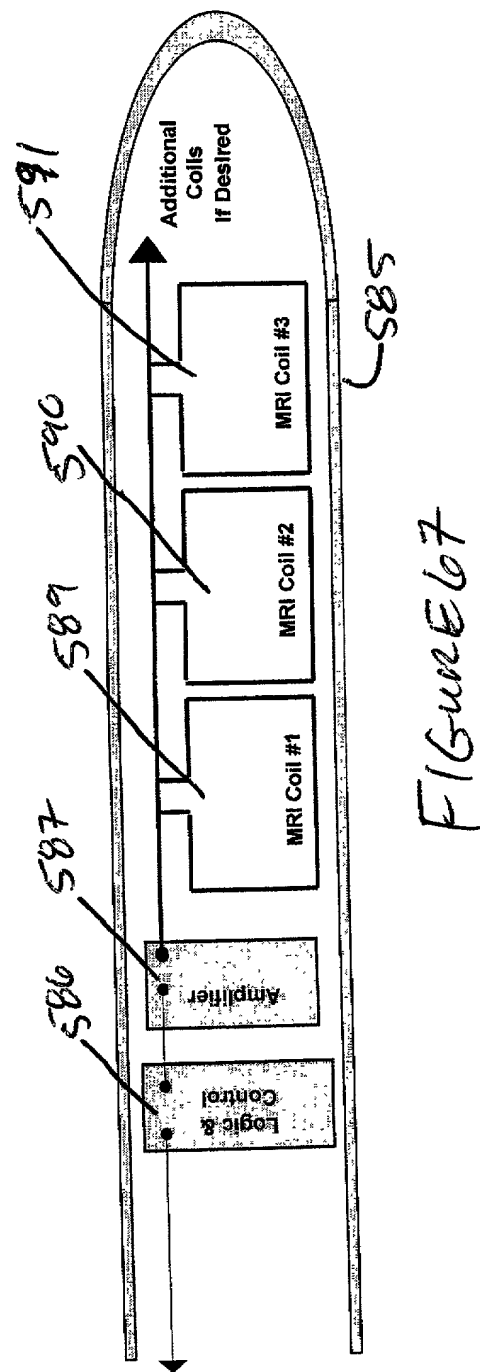
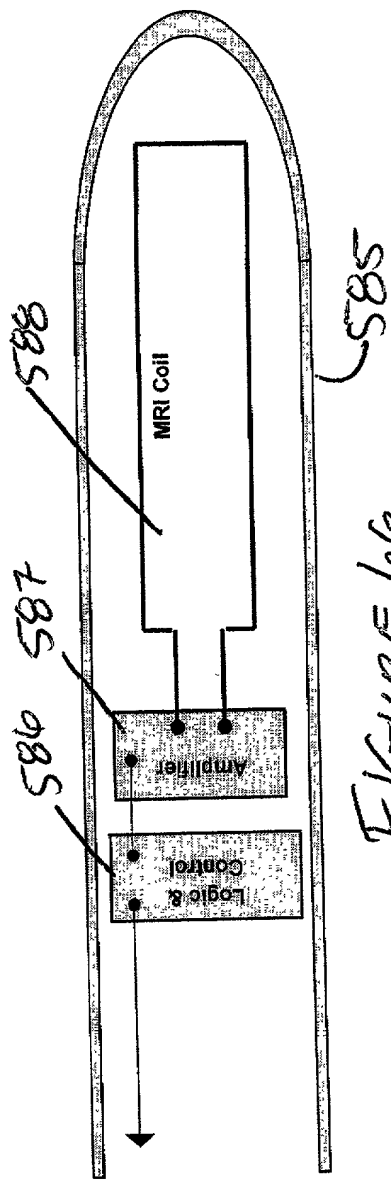


Fig. 10e₆₄

Figure 65





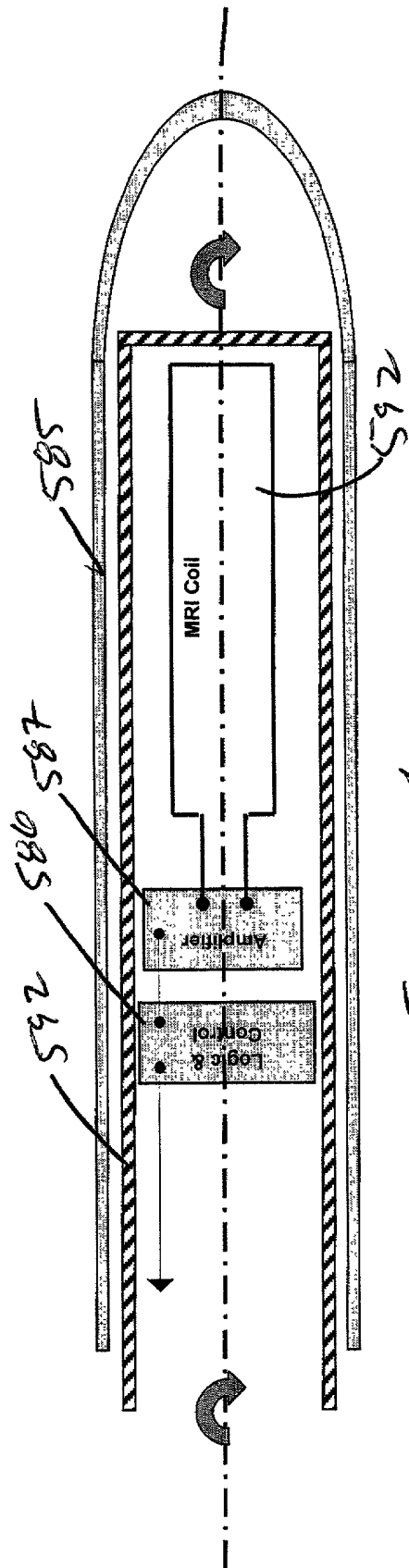


FIGURE 68

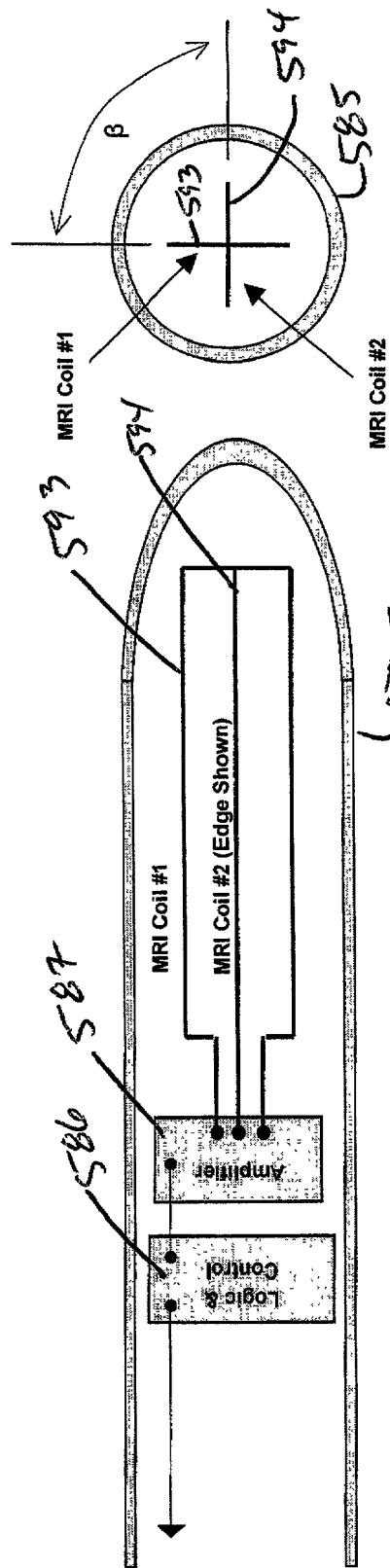


FIGURE 69

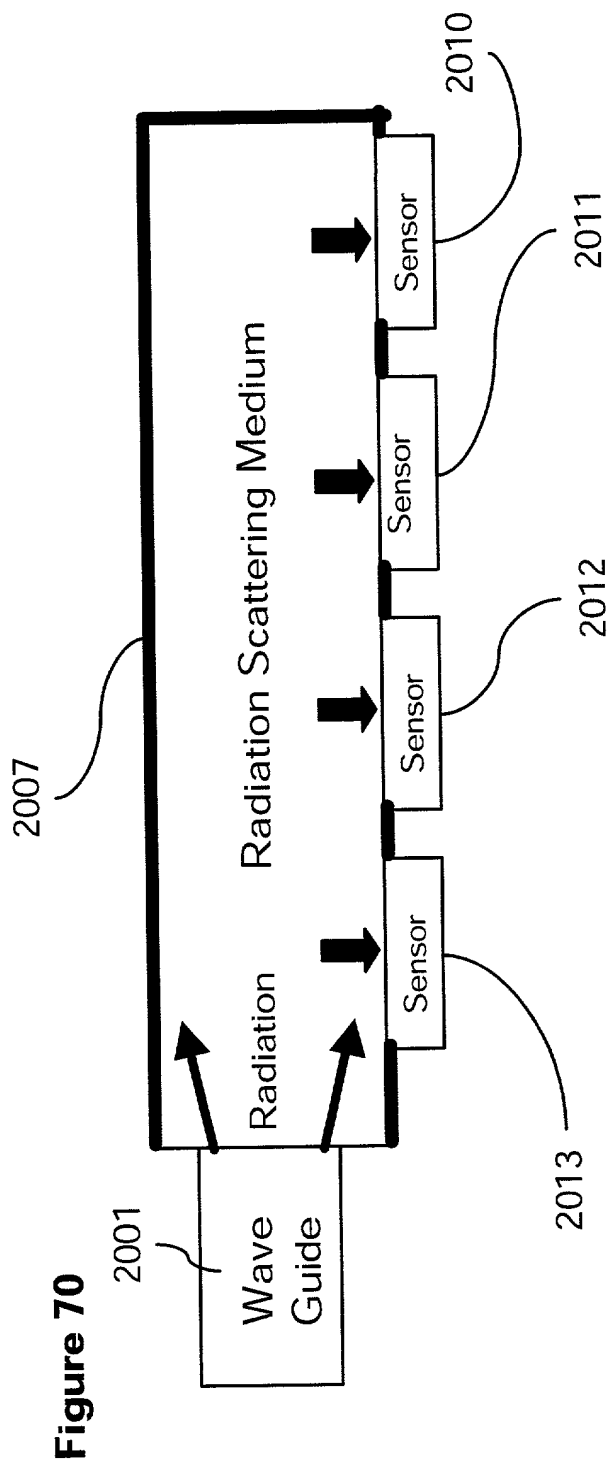


Figure 71

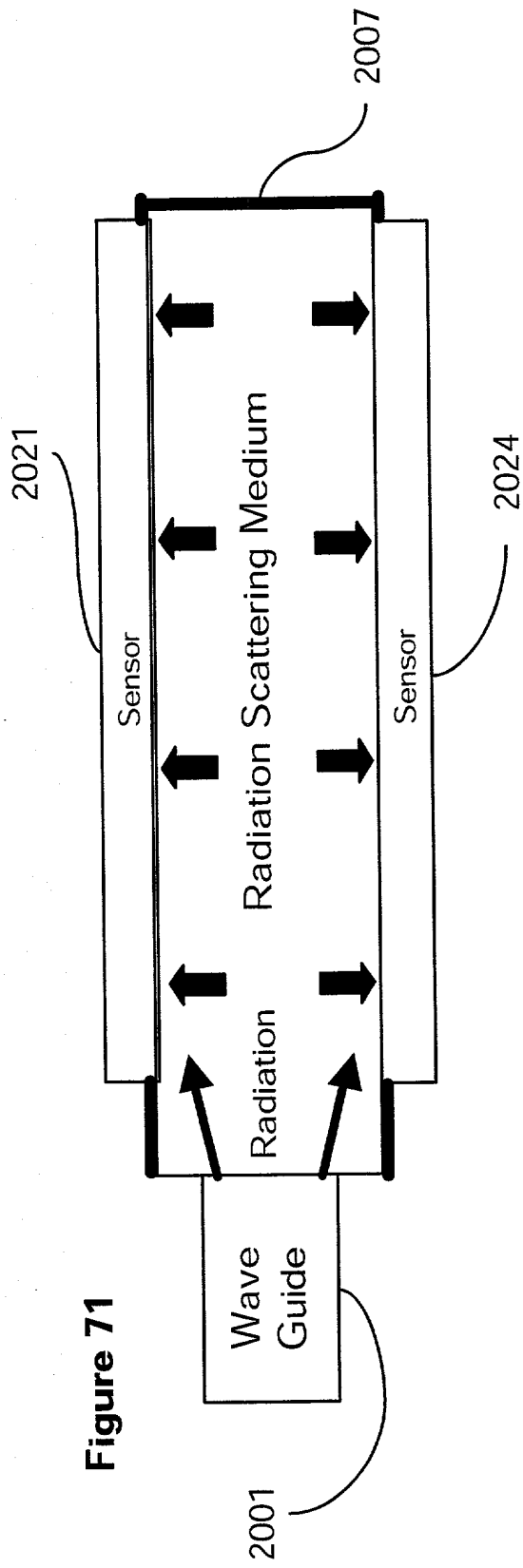


Figure 72

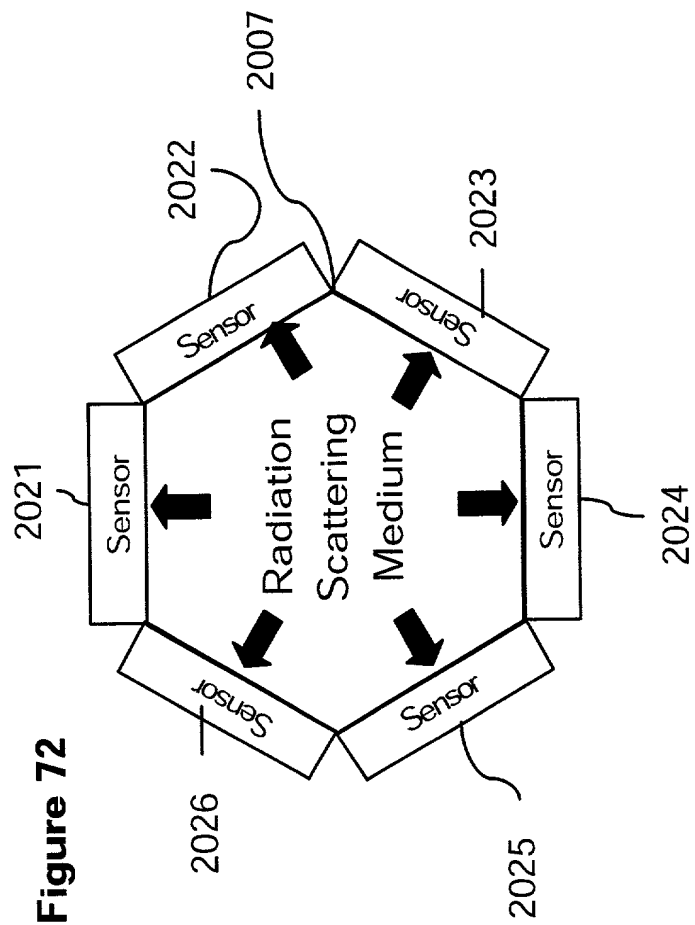


Figure 73

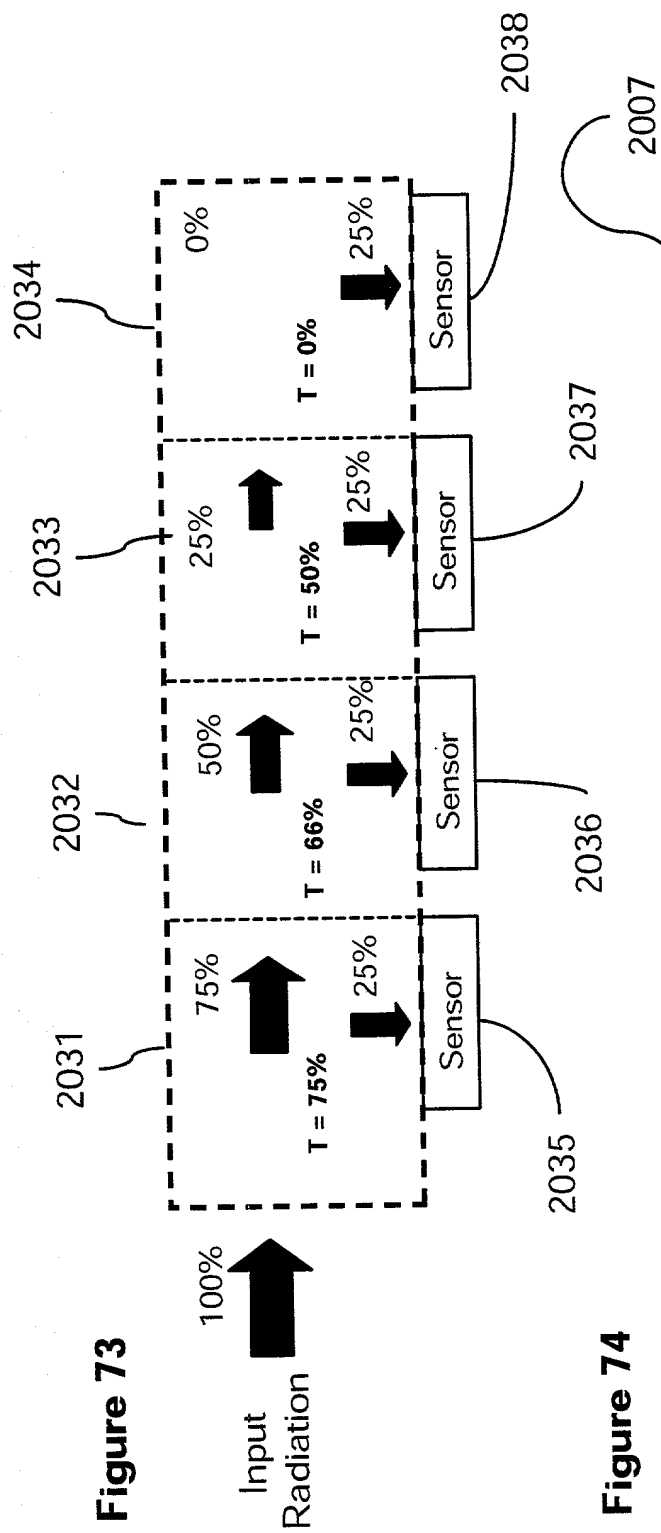
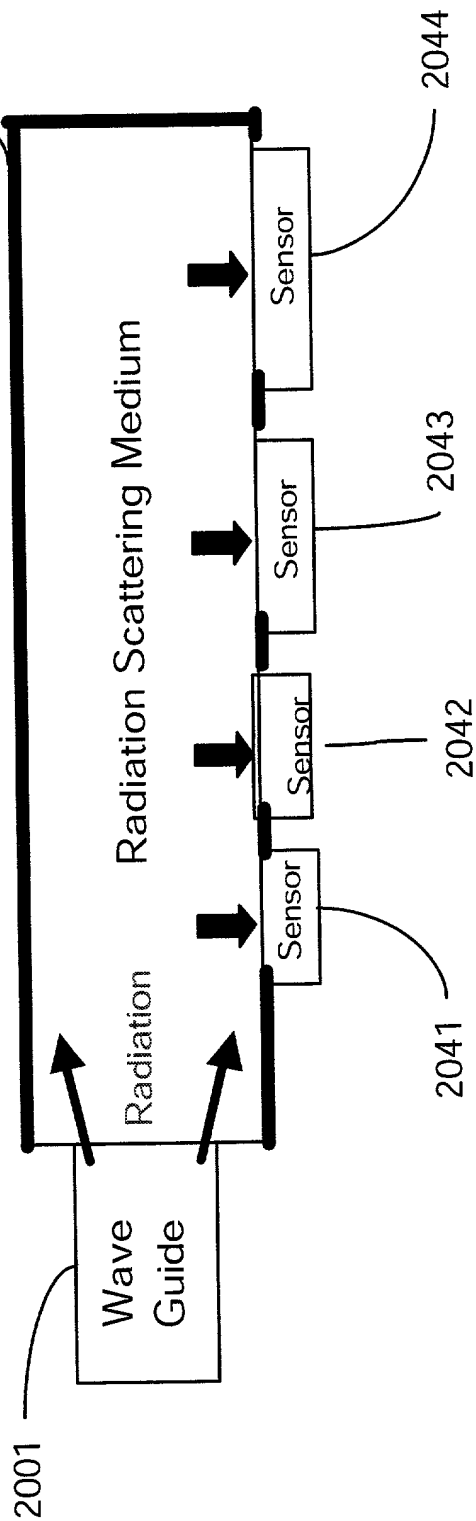
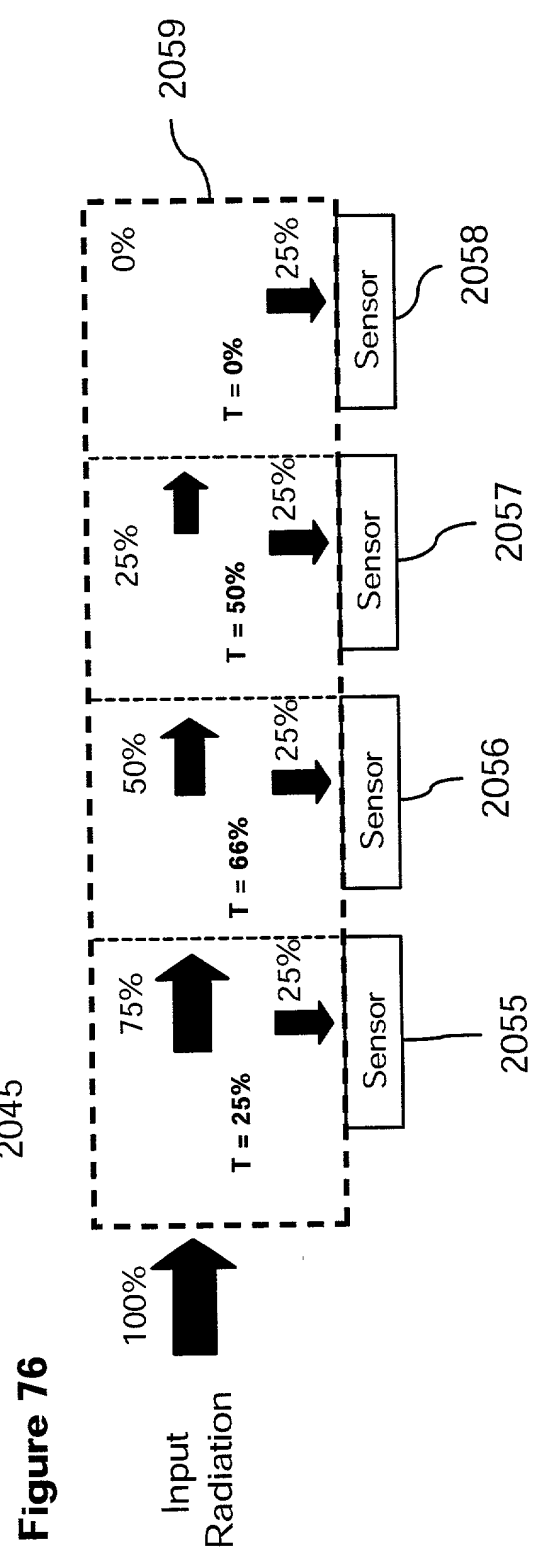
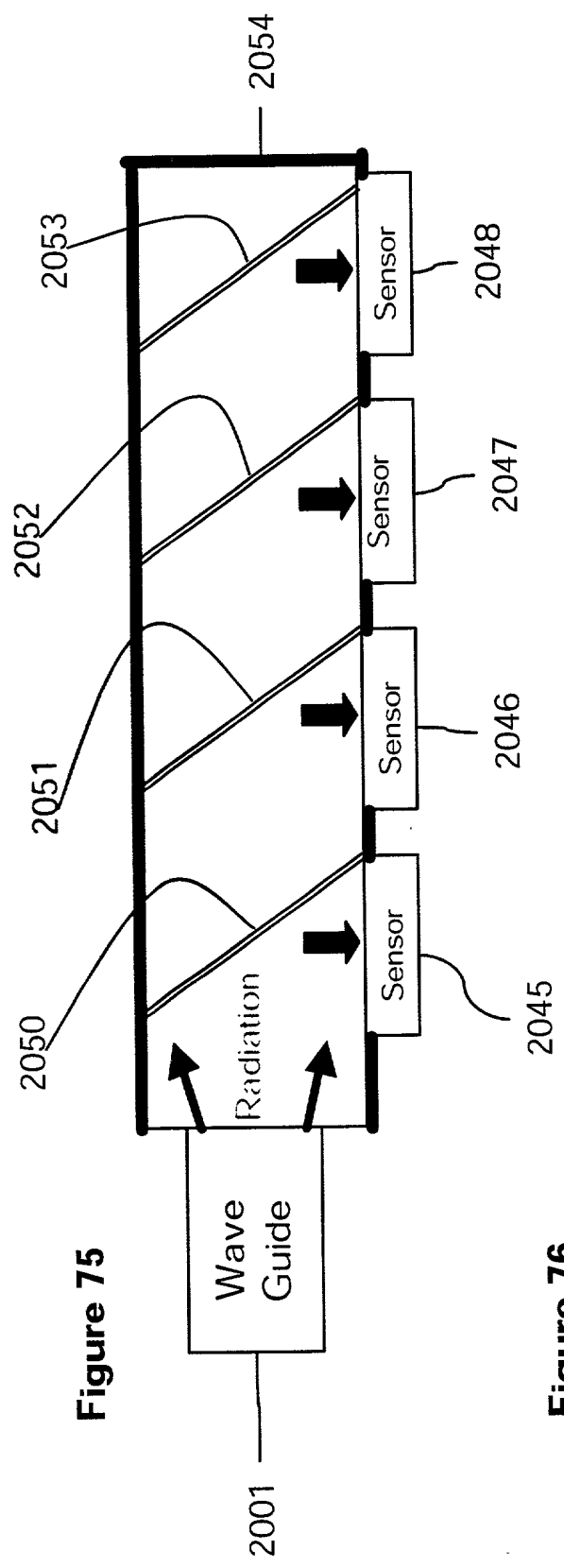
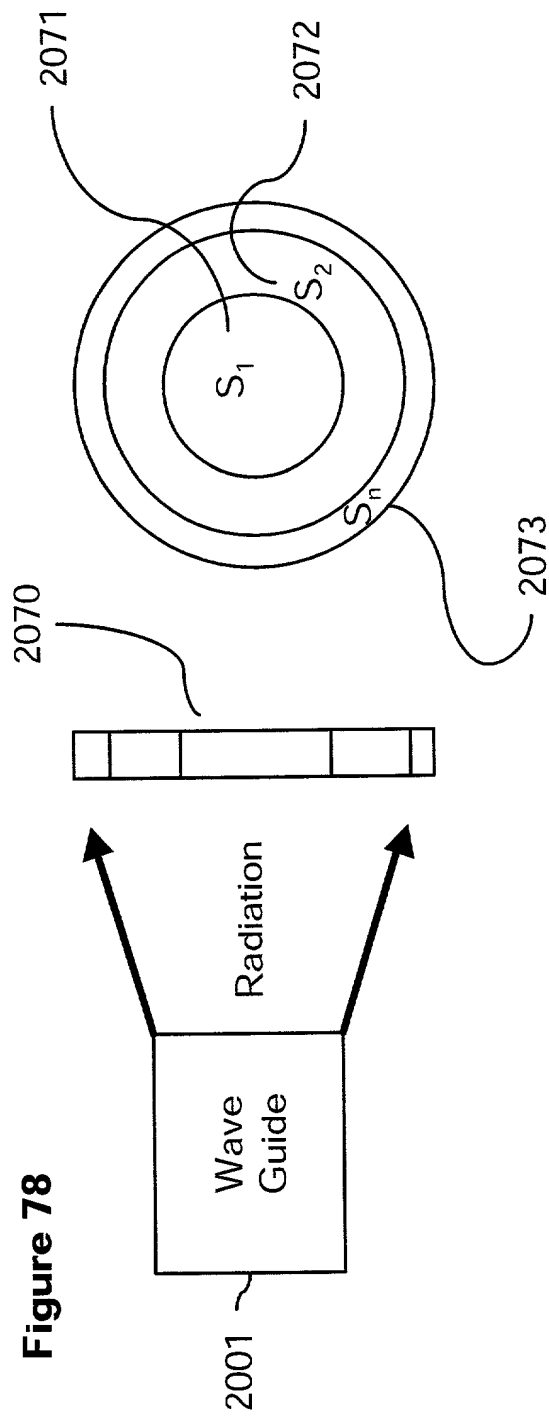
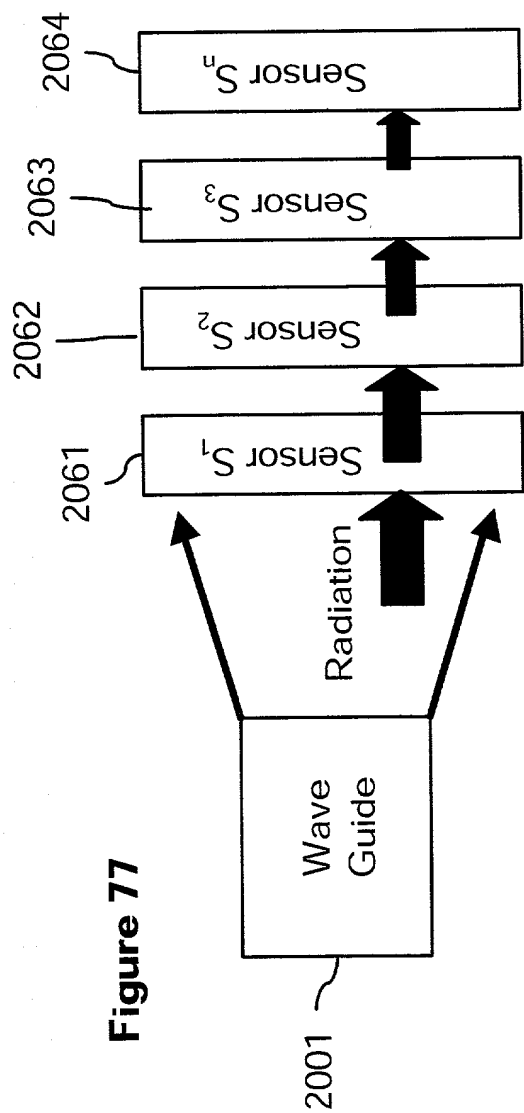
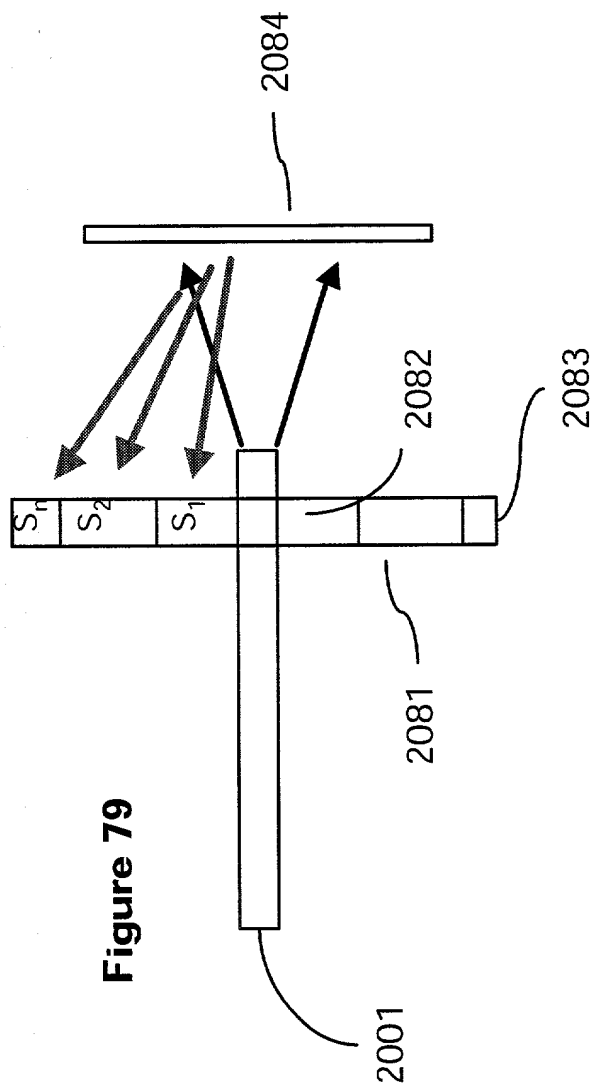


Figure 74









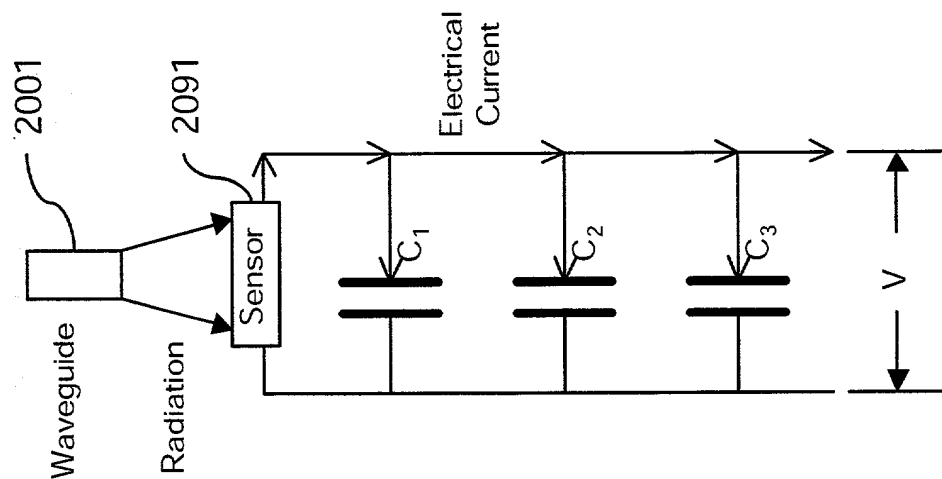


Figure 80

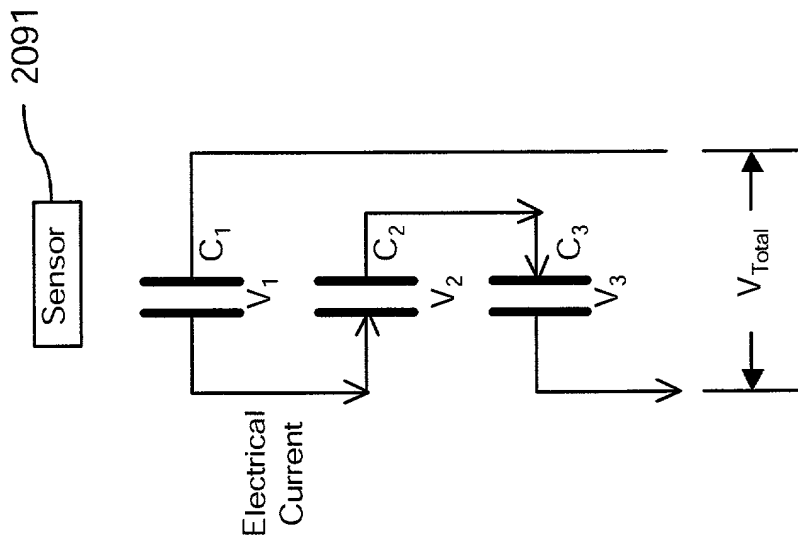


Figure 81

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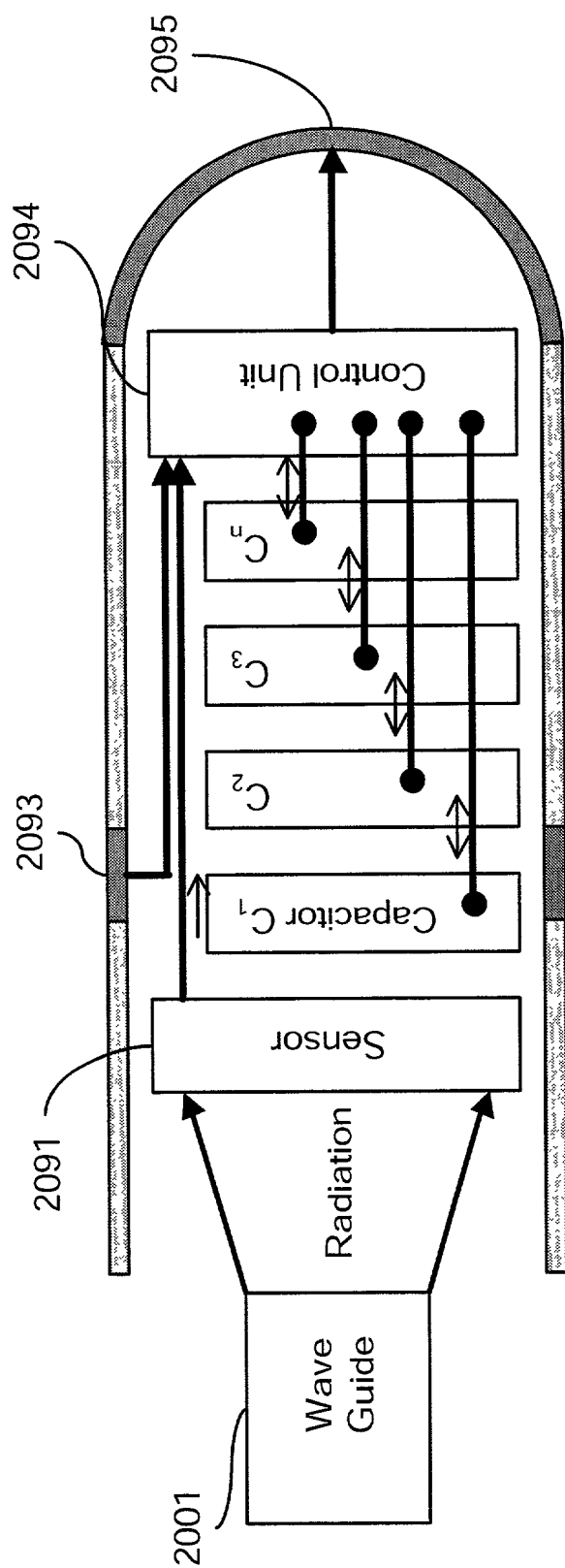


Figure 82

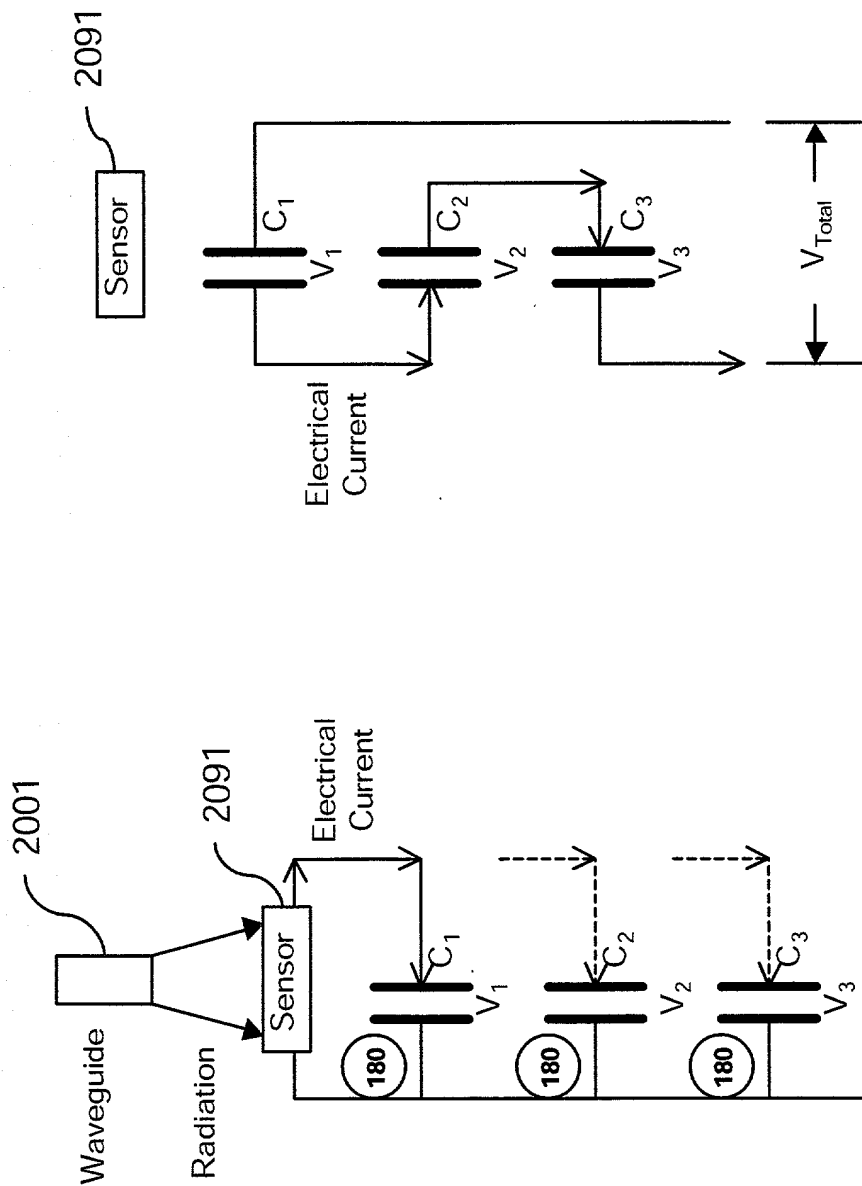


Figure 84

Figure 83

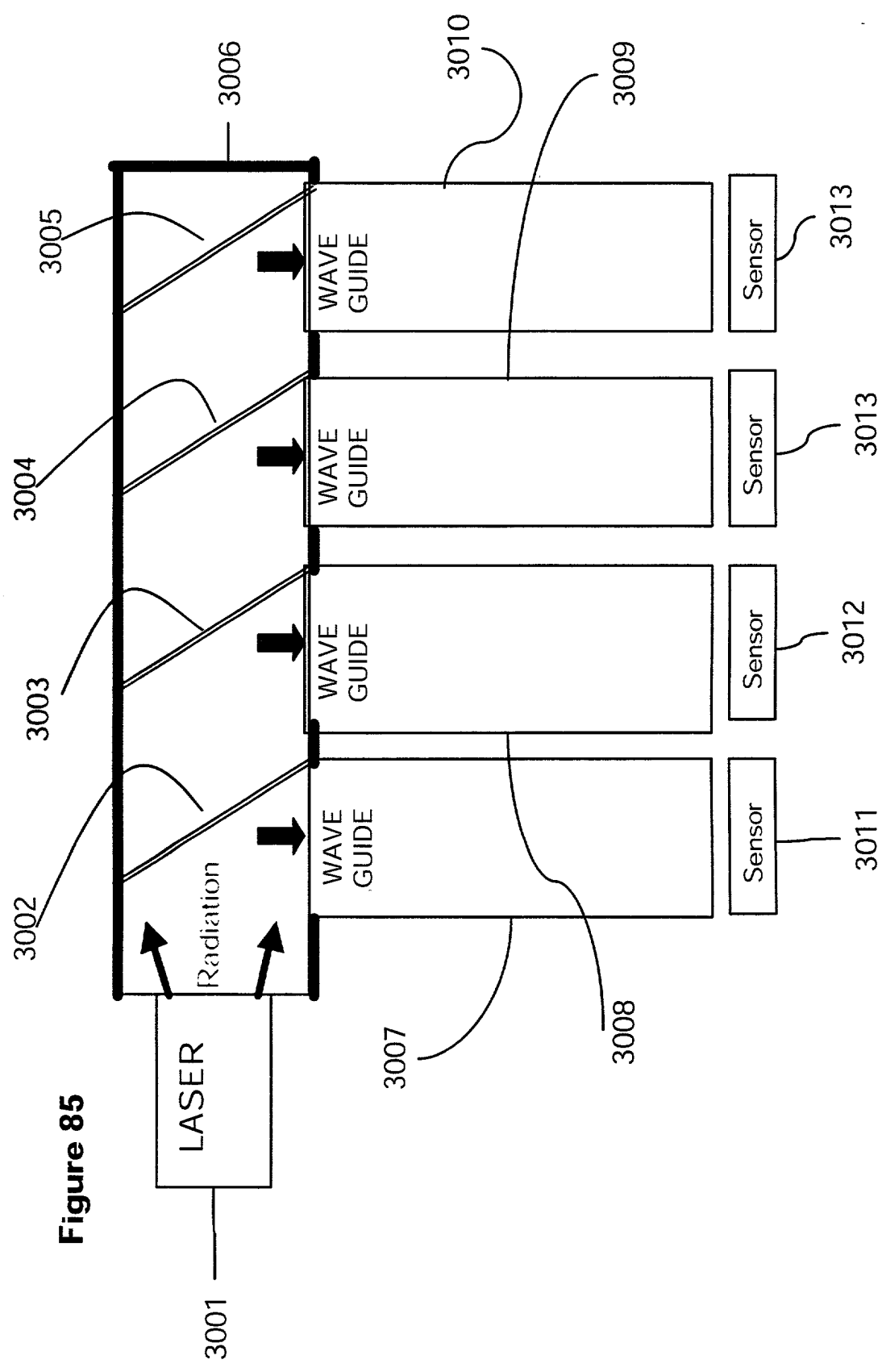


Figure 85